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# UNITED STATES DEPARTMENT OF AGRICULTURE

## AGRICULTURAL RESEARCH SERVICE

### SERVICE AND REGULATORY ANNOUNCEMENTS

### LIST OF INTERCEPTED PLANT PESTS, 1952

(List of Pests Recorded from July 1, 1951, through June 30, 1952, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

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### INTRODUCTION

This report summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate transportation and exportation in bond, and (5) in domestic shipments between both Hawaii and Puerto Rico and the mainland. It covers the thirty-ninth year for which interception lists have been issued.

Because<sup>4</sup> of the large number of collections involved, an effort has been made to restrict this list to those insects and plant diseases of known or potential plant quarantine importance. Intercepted plant pests that are known to be widely distributed throughout the United States are not included unless they are of particular interest.

Some collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list were obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

Although every effort is made to give the correct origin for all collections listed, the alleged origin of all host-plant materials cannot be verified. Questionable items are therefore omitted or the origin is listed as unknown.

From many parts of the world have come importations of various seeds, fruits, bulbs, corms, rhizomes, plants, and plant products. An increasing number of arrivals by air bring added plant pathogens and pests, of which the golden nematode and the fruit flies continue to be most important.



## INTERCEPTIONS FROM AIR-BORNE MATERIAL

Frequent interceptions of air-borne plant pests have been made in baggage, express, freight, mail, and stores. During the year 2,436 interceptions were made of insects on imported plant parts or as stowaways, and 329 interceptions of plant diseases. Slightly less than one-third of the diseases were determined as to genus only, but from the evidence offered little or no risk to the United States. Occasionally pests unknown to this country but known to cause disease in the country of origin were intercepted. Some of the most injurious insects intercepted during the year arrived in, on, or with fruits and plant material coming in by plane.

Some important insects found in air-borne material were:

*Acalypta parvula* in forest litter, moss, and soil used as packing material in baggage from Spain.

*Adoxophes orana* on cut flowers of lilac in cargo from the Netherlands.

The citrus blackfly (*Aleurocanthus woglumi*) on leaves of sour lime in baggage from Cuba and Mexico, on *Citrus* sp. leaves in baggage from Jamaica, Mexico, and Panama.

The Mexican fruit fly (*Anastrepha ludens*) in mango in baggage from Guatemala and Mexico; in orange in baggage from Mexico, in orange in stores from Guatemala; the West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from the Bahamas, Colombia, Guatemala, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, and Salvador, in yellow mombin in baggage from Costa Rica, Guatemala, Nicaragua, and Salvador, in yellow mombin in stores from Salvador, in unidentified fruit in baggage from Salvador; *A. serpentina* in mamey in baggage from Colombia, in sapodilla in baggage from Ecuador, in sapote (*Calocarpum sapota*) in baggage from Nicaragua; *A. suspensa* in guava in baggage from Cuba and Mexico.

*Brachycerus albidentatus* in garlic in cargo from Italy.

The black vine weevil (*Brachyrhinus sulcatus*) in grape in stores from Belgium.

The Mediterranean fruit fly (*Ceratitis capitata*) in *Annona* sp. in baggage from Portugal, in apple in stores from France, in cactus in baggage from Italy, in fig in baggage from Italy, in grape in stores from France, in guava in baggage from the Azores, in lemon in baggage from the Madeira Islands, in Mandarin orange in baggage from Italy, in Mandarin orange in stores from Portugal and Spain, in mango in baggage from the Madeira Islands, in orange in baggage from Portugal and Spain, in orange in stores from Spain, in peach in baggage from France, Italy, Portugal, and Tripoli, in peach in quarters from Italy, in peach in stores from the Azores, France, Israel, Italy, and Portugal, in pear in baggage from Greece, in pear in stores from France, in pomegranate in baggage from Greece, Italy, and Lebanon, in pricklypear in baggage from Italy; *C. capitata* (?) in coffee berry in baggage from Hawaii.

*Ceroplastes sinensis* on stem of *Feijoa* sp. in baggage from New Zealand.

*Cylas formicarius* in sweetpotato in stores from India.

An adult of the oriental fruit fly (*Dacus dorsalis*) in preflight inspection of an airplane departing from Hawaii for the mainland.

The olive fruit fly (*D. oleae*) in olive in baggage from the Azores, Greece, Italy, Lebanon, and Palestine.

The oriental fruit moth (*Grapholitha molesta*) in peach in baggage from Korea.

*Laspeyresia strobilella* in spruce cone in baggage from Germany.

*Palaeopus costicollis* in yam in baggage from Jamaica.

The pink bollworm (*Pectinophora gossypiella*) in cotton boll in baggage from the Bahamas, Greece, Hawaii, and Jamaica, in okra in baggage from Brazil and Trinidad.

*Prodenia litura* on gladiolus in cargo from Israel.

*Rhagoletis cerasi* in cherry in baggage from France, Italy, and Switzerland, in cherry in cargo from Switzerland, in cherry in stores from the Azores, Italy, and Portugal.

*Tephritis arnicae* on dry cut flowers in baggage from Switzerland.

The papaya fruit fly (*Toxotrypana curvicauda*) in papaya in baggage from Trinidad.



Air-borne plant material was found to carry some important plant pathogens not believed to be established in the United States. Among these were the following:

- Cercospora coffeicola* on coffee leaves in baggage from Brazil.
  - "Chrysanthemum virus Q" on a chrysanthemum plant in cargo from Denmark.
  - Chrysomyxa rhododendri* on *Rhododendron* spp. in baggage from Germany, Hungary, and Switzerland, and on *Rhododendron* sp. in mail from Switzerland.
  - Coniothyrium laburnophilum* on *Laburnum* sp. in mail from Denmark.
  - Elsinoe australis* on orange in stores from Argentina and Brazil.
  - "Leprosis" on orange in stores from an unknown source.
  - Leptosphaeria citricola* on Mandarin orange in baggage from Japan.
  - Phleospora pistaciae* on pistache leaf in baggage from Turkey.
  - Phoma citricarpa* on Mandarin orange in baggage from China and Japan, on orange in baggage from Japan, and on citrus peel in baggage from China; *P. gypsophilae* on *Gypsophila* sp. in cargo from Japan.
  - Phomopsis hellebori* on Christmas-rose in cargo from the Netherlands.
  - Phyllosticta philodendri* on warty philodendron in cargo from Costa Rica.
  - Pythium butleri* on ginger in cargo from Guam.
  - Septoria unedonis* on *Arbutus unedo* in baggage from Greece.
  - Sphenospora kevorkianii* on *Schomburgkia* sp., an orchid, in cargo from Panama.
  - "Tomato aspermy virus" on chrysanthemum plant in cargo from Denmark.
  - Uredo oncidii* on *Oncidium varicosum rogersi*, an orchid, in express from Brazil and on *Oncidium* sp. in cargo from Guatemala; *U. scabies* on *Vanilla planifolia*, an orchid, in cargo from the Canal Zone.
  - Xanthomonas citri* on lime in baggage from India.
- Intercepted plant diseases of limited distribution in the United States or new to the country of origin and found on air-borne material were:
- Heterosporium iridis* on German iris in cargo from New Zealand.
  - Leptosphaeria heterospora* on monarch iris in mail and on *Iris* spp. in cargo from New Zealand, Palestine, and Turkey.
  - Papulaspora coprophila* on gladiolus corms in cargo from Japan.
  - Phoma iridina* on German iris in cargo from New Zealand.
  - Phyllosticta camelliae* on camellia in mail from Japan; *P. dracaenae* on Banks dracaena in cargo from New Zealand; *P. hedericola* on *Fatsyhedera* sp. in cargo from Belgium and on English ivy in baggage from Ireland; *P. maculiformis* on chestnut in baggage from Italy.
  - Scirrhodopsis bambusae* on Bambuseae stem in cargo from Japan.
  - Septoria chrysanthemi* on chrysanthemum in mail from Japan. *S. dianthi* on carnation in baggage from the Azores.
- Nematodes were also found in air-borne material as follows:
- Heterodera punctata* in soil with strawberry plants in cargo from Scotland, in soil on chrysanthemum plants in express from England, in soil on picka-back plants in quarters from Germany, and in soil on lupine plants in baggage from England; the golden nematode (*H. rostochiensis*) in soil with various plants from England, France, Germany, Ireland, and Scotland.
  - Meloidogyne hapla* with roots of clematis in cargo from the Netherlands; *M. incognita* in *Asparagus myriocladus* in express from Japan.

## NOTES ON INSECTS INTERCEPTED

### FRUIT FLIES

The following fruit flies were intercepted:

The Mexican fruit fly (*Anastrepha ludens*) in grapefruit in baggage from Mexico, in Mandarin orange in quarters and stores from Mexico, in mango in baggage from Guatemala and Mexico, in mango peel in an empty boxcar from Mexico, in pulp attached to mango seed in the bed of a truck from Mexico, in orange in quarters and stores from Guatemala, in orange in baggage, quarters, and stores from Mexico, in pear in baggage from Mexico, in ponderosa lemon in baggage from Mexico, in sour orange in quarters and stores from Mexico, in sweet lime in baggage and cargo from Mexico, and an adult in the bed of a truck from Mexico; *A. ludens* (?) in avocado in baggage from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in unidentified fruit in baggage from Salvador, in mango in baggage from the Bahamas, Colombia, Guatemala, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salyador, and the Virgin Islands, in mango in mail from Nicaragua, in mango in quarters from Honduras, Mexico, Puerto Rico, and Trinidad, in mango in stores



from Honduras and Jamaica, in *Spondias* sp. in baggage from Mexico, in yellow mombin in baggage from Costa Rica, Guatamela, Mexico, Nicaragua, and Salvador, in yellow mombin in mail from Nicaragua, in yellow mombin in stores from Salvador; *A. serpentina* in mamey in baggage from Colombia and Mexico, in sapodilla in baggage from Ecuador, in sapote in baggage from Mexico and Nicaragua; *A. striata* in guava in baggage from Mexico; *A. suspensa* in guava in baggage from Cuba and Puerto Rico.

The Mediterranean fruit fly (*Ceratitis capitata*) in *Annona* sp. in baggage from Portugal, in apple in baggage from Italy, in apple in stores from France and Portugal, in apricot in stores from Algeria, in cactus in baggage from Italy, in coffee in baggage and quarters from Hawaii, in fig in baggage from Greece and Italy, in grape in stores from France, in grapefruit in quarters from France, in grapefruit in stores from Algeria, France, Israel, Lebanon, and Spain, in guava in baggage from the Azores, in lemon in baggage from the Madeira Islands, in Mandarin orange in baggage from Africa and Italy, in Mandarin orange in stores from Italy, Portugal, and Spain, in mango in baggage from the Madeira Islands, in *Opuntia* sp. in baggage from Italy, in orange in baggage from Italy, Portugal, and Spain, in orange in quarters from Israel and Spain, in orange in stores from Egypt, Israel, Italy, Morocco, and Spain, in peach in baggage from France, Italy, Portugal, and Tripoli, in peach in quarters from Italy, in peach in stores from the Azores, France, Israel, Italy, Portugal, and Spain, in pear in baggage from Greece and Italy, in pear in stores from France, in pomegranate in baggage from Greece, Italy, and Lebanon, in prickly pear in baggage and cargo from Italy, in quince in baggage and cargo from Italy; *C. capitata* (?) in coffee in baggage and mail from Hawaii, in mango in mail from Hawaii, in olive in baggage from the Azores.

The melon fly (*Dacus cucurbitae*) in cucumber in cargo and stores from Hawaii, in pepper in stores from Hawaii, in string bean in cargo from Hawaii, in tomato in stores from Hawaii; the Oriental fruit fly (*D. dorsalis*) in banana in quarters from Hawaii, in Malay-apple in baggage from Hawaii, in mango in mail and quarters from Hawaii, an adult in preflight inspection of an airplane leaving Hawaii for the mainland; *D. dorsalis* (?) in bell pepper in stores from Hawaii, in guamachil in baggage from Hawaii, in tomato in stores from Hawaii; the olive fruit fly (*D. oleae*) in olive in baggage from the Azores, Greece, Italy, Lebanon, Libya, and Palestine, in olive in cargo from Italy, in olive in mail from Italy and Turkey.

*Rhagoletis cerasi* in cherry in baggage from France, Italy, Portugal, and Switzerland, in cherry in cargo from Switzerland, in cherry in stores from the Azores, France, Italy, and Portugal; the walnut husk fly (*R. completa*) in walnut in baggage from Mexico; *R. juglandis* in black walnut in baggage from Mexico; the apple maggot (*R. pomonella*) in baggage from Mexico; *R. pomonella* (?) in apple in stores from Sweden; *R. striatella* in husk tomato in baggage from Mexico.

The papaya fruit fly (*Toxotrypana curvicauda*) in papaya in baggage from Trinidad, in papaya in cargo from Mexico, and on the floor of a truck previously used to transport papayas from Mexico.

#### INSECTS OTHER THAN FRUIT FLIES

The following miscellaneous insects of interest were intercepted:

A curculionid, *Alcidodes dentipes*, in sweet potato in stores from Sierra Leone.

The citrus blackfly (*Aleurocanthus woglumi*) on leaves of *Citrus* sp. in baggage and cargo from Mexico, on coffee leaves in baggage from Mexico, on leaves of lemon, Mandarin orange, and orange in baggage from Mexico, on leaves of sour lime in baggage from Cuba, Jamaica, and Panama, on leaves of sour lime in baggage and cargo from Mexico.

A bruchid, *Bruchus lentis*, in lentil in baggage by air from Italy.

*Cacoecia pronubana* (Tortricidae) in pomegranate in baggage from Italy and Yugoslavia.

A phycitid, *Cryptoblates gnidiella*, in chestnut and pomegranate in baggage from Italy, in pomegranate in baggage by air from Italy, in lemon in stores by air from Italy, in papaya in baggage by air from Bermuda, in seagrape berry in cargo by air from Bermuda.

The mango weevil (*Cryptorhynchus mangiferae*) in mango in baggage and quarters from Hawaii, in mango in baggage by air from India.

A curculionid, *Curculio elephas*, in chestnut in baggage, cargo, and mail from Italy, in chestnut in baggage by air from Italy, in chestnut in stores from Portugal.

*Cylas puncticollis* (Curculionidae) in sweetpotato in stores from British West Africa, Gold Coast, and Sierra Leone.



A pyraustid, *Evergestis forficalis*, in cabbage and cauliflower in stores from France, in cabbage in baggage by air from Ireland.

*Hemimene juliana* (Olethreutidae) in chestnut in baggage by air from Italy, in chestnut in baggage from Greece, in Macedonian oak seed in mail from Italy.

An elaterid, *Hypolithus riparius*, in grass sod used as ballast from Scotland.

An olethreutid, *Laspeyresia leguminis*, in string bean in stores from Peru.

*Leucinodes orbonalis* (Pyraustidae) in eggplant in stores from Indonesia.

A phalaenid, *Mamestra brassicae*, in cabbage in baggage by air from Ireland, in cabbage in stores from Italy, in celery in stores from Denmark, in rutabaga in stores from England, in cabbage and parsley in stores from France.

A bean pod borer, *Maruca testulalis*, in string beans in baggage, cargo, mail, and stores from Hawaii, in string beans in stores from Japan and Netherlands Guiana.

An adult scarabaeid, *Melolontha melolontha*, host unknown, in baggage by air from Germany.

*Parlatoria chinensis* (Coccidae) on a stem of *Pyrus* sp. in baggage from Japan.

An adult *Phloeotribus scarabaeoides* (Scolytidae) with olive branch in baggage from Italy.

A scolytid, *Pityogenes chalcographus*, in pine and spruce in cargo from Sweden, in bark on crate slats from Sweden.

A chrysomelid, *Psylliodes chrysocephala*, in radish in stores from Italy.

*Polychrosis botrana* (Olethreutidae) in grape in baggage from Italy.

*Prays oleellus* (Hyponomeutidae) in olive in baggage from Italy.

*Sesamia cretica* (Phalaenidae) in broomcorn in cargo from Greece and Italy, in corn in baggage from Italy.

A curculionid, *Sitona lineata*, on chrysanthemum in cargo by air from Denmark, on chrysanthemum in baggage by air from Portugal, on lilac in cargo from the Netherlands, and in beet in stores from England.

A curculionid, *Strophosoma melanogrammum*, in soil and woods moss with rosaceous plants in mail from Germany.

#### SNAILS

The giant African snail (*Achatina fulica*) was taken at San Francisco, and San Pedro, Calif., three times each on returned military equipment coming from Formosa, Guam, and the Philippines. Two interceptions of this species were made at San Pedro on scrap tires and a second-hand generator from Guam, and one interception at Houston, Tex., on scrap metal from the South Pacific.

*Bradybaena similis*, an injurious snail not established in the United States, was intercepted at Honolulu, Hawaii, in a box with *Vanda* leis during preflight inspection of a cargo shipment to the mainland. Another injurious snail, *Deroceras reticulatum*, known to be in some of our States was taken at New York, N. Y., with cabbage in cargo from the Netherlands; at Boston, Mass., with carnations and calla lilies in baggage by air from the Azores; at Boston, Mass., with lettuce in stores by air from Lebanon; and at Washington, D. C., with clumps of seloia pampasgrass in mail from New Zealand.

#### NOTES ON DISEASES INTERCEPTED

Japan again contributed the greatest number of interceptions (55) of citrus canker (*Xanthomonas citri*), 32 of which were on oranges, 16 on lemons, 6 on grapefruits, and 1 on sour lime. China contributed 16 interceptions, 13 of which were on oranges, 2 on Mandarin oranges, and 1 on citrus peel. India contributed 1 each on lime, sour lime, pomelo, and grapefruit. From Formosa (?) and Ceylon came 1 each on orange; Malaysia and the Philippines had 1 each on sour lime; and Thailand had 2 on pummelo. Cancrosis "B" (*Xanthomonas* sp. (?)), another bacterial disease of citrus producing symptoms similar to citrus canker, was intercepted 6 times on lemons and once on grapefruit from Argentina.

*Chrysomyxa rhododendri*, a spruce and rhododendron rust, was intercepted 5 times on *Rhododendron ferrugineum* from Switzerland and once from Hungary, once each on *R. hirsutum* from England and Germany, and 4 times on *Rhododendron* sp. from Switzerland.

The sweet orange fruit scab (*Elsinoe australis*) was intercepted many times from South America. Of these interceptions 76 were from Brazil, 57 from Argentina, and 1 each from Uruguay and an unknown origin, probably South America, on lemon, Mandarin orange, orange, sour lime, and sour orange.



"Leprosis", a recently reported disease, was intercepted once on Mandarin orange, 8 times on orange from Mexico, and once each on orange from Egypt, Haiti, Panama, and an unknown origin.

Other interceptions were:

*Cercospora purpurea* on avocado in baggage from Mexico.

*Coniothyrium cytisellum* on *Laburnocytisus adami* and *Laburnum watereri* in cargo from the Netherlands.

*Cryptospora longispora* on Norfolk-Island pine in cargo from Australia and on Norfolk-Island pine in mail from Norfolk Island.

*Gymnosporangium haraeum* on Chinese juniper and dwarf juniper in mail and baggage from Japan.

*Leptosphaeria heterospora* on various rhizomatous *Iris* species in cargo and mail from Australia, Canada, England, France, Hashemite Kingdom of Jordan, the Netherlands, New Zealand, Palestine, and Turkey; *L. rusci* on *Ruscus* sp. in cargo from Italy.

*Macrophomina phaseolina* on *Ixia viridiflora* and *Morea spathacea* in mail from the Union of South Africa, on *Iris nigricans* in mail from Hashemite Kingdom of Jordan, on sweetpotato in baggage from Borneo, and on sweetpotato in stores from Japan.

"Peony virus" on peony in cargo from the Netherlands.

*Puccinia arenariae* on maiden pink and sweet-william in cargo from Switzerland and on sweet-william in baggage from England; *P. ornithogali-thyrsoideis* on chinkerichiee in mail from the Union of South Africa.

*Sphaceloma fawcettii* var. *scabiosa* on lemon, grapefruit, and *Citrus* sp. in stores from Australia.

The golden nematode (*Heterodera rostochiensis*) has been found in soil with various plants intended for propagation, 8 times from England, 7 times from Scotland, 4 times from Germany, twice from Ireland, and once each from Denmark, France, the Netherlands, and Sweden.

Of importance also have been interceptions of the *Meloidogyne* group such as *M. arenaria* in *Bletilla* sp., an orchid, in cargo from Japan, in dahlia in mail from India, in potato in stores from Chile, and in turnip in cargo from Mexico; *M. exigua* in dahlia in mail from Australia; *M. hapla* in chrysanthemum, clematis, delphinium, and Hungarian hepatica, all in cargo from the Netherlands, and in soil with an unknown plant in baggage from Germany; *M. incognita* in *Asparagus myriocladus* in express from Japan, in banana root in cargo from Mexico, in dahlia in mail from India, and in *Dioscorea* sp. tuber in express from Nicaragua; *M. incognita* (?) in *Mammillaria phymatothele* in mail from Mexico; *M. incognita* var. *acrita* in *Agapanthus* sp. root in cargo from Japan, in parsnip in stores from the Union of South Africa, *M. incognita* var. *acrita* (close to; possibly n. sp.) in *Pogostemon* sp. root in mail from the Philippines; *M. javanica* in *Bletilla* sp., an orchid, in cargo from Japan and in dahlia in mail from Australia.

*Tylenchus allii* in garlic in cargo from Mexico; *T. putrefaciens* in garlic in baggage and cargo from Mexico.

### INCOMPLETELY DETERMINED PESTS

Occasionally complete specific determinations of nematodes, insects, and fungi have been impossible owing to the condition of the material on arrival. Some of these plant pests may be of economic importance, may be new or hitherto unknown to the United States, unknown for the host plant, or they may come from a new country of origin.

#### INSECTS

Among the incompletely determined insects were the following fruit flies:

*Anastrepha* sp., probably *fraterculus* (Wied.), at New York, N. Y., in coffee berry in baggage by air from Peru; *Anastrepha* sp., probably *ludens*, at Laredo, Tex., in apple in baggage from Mexico; at Brownsville, and Laredo, Tex., in orange in baggage from Mexico; at Houston, Tex., in orange in quarters from Mexico; *Anastrepha* sp., probably *mombinpraeoptans*, at Boston, Mass., in grapefruit in stores from Trinidad; at Key West, Fla., in mango in stores from Cuba; at Laredo, Tex., in mango in baggage from Mexico; at New Orleans, La., in mango in stores from Jamaica and in *Spondias* sp. in baggage by air from Salvador; at San Ysidro, Calif., in guava in baggage from Mexico; *Anastrepha* sp.,



probably *serpentina*, at Douglas, Ariz., in mango in baggage from Mexico; at Laredo, Tex., in sapote in baggage from Mexico; *Anastrepha* sp., probably *striata*, at Miami, Fla., in mango in baggage by air from Bolivia and Ecuador.

*Anastrepha* sp. at Miami, Fla., in *Annona* sp. in baggage by air from Peru; at Brownsville, Tex., in avocado in baggage from Mexico; at Miami, Fla., in cherimoya in baggage by air from Peru; at San Ysidro, Calif., in guava in baggage from Mexico; at New York, N. Y., in guava in baggage from Venezuela; at El Paso, Tex., in guava in baggage from Mexico; at Miami, Fla., in mango in baggage by air from Colombia, Guatemala, and Peru; at Hidalgo, Del Rio, Brownsville, Laredo, and El Paso, Tex., in mango in baggage from Mexico; at Houston, Tex., in mango in stores from Haiti; at New York, N. Y., in mango in baggage from Haiti; at Savannah, Ga., in mango in quarters from Puerto Rico; at Baltimore, Md., in orange in stores from Brazil; at Brownsville, El Paso, and Laredo, Tex., in orange in baggage from Mexico; at Galveston, Tex., in orange in quarters and stores from Brazil; at El Paso, Tex., in peach in baggage from Mexico; at Eagle Pass, Tex., in quince in baggage from Mexico; at Tampa, Fla., in sapodilla in baggage by air from Cuba; at Laredo, Tex., in sapote in baggage from Mexico; at Miami, Fla., in soursop in baggage by air from Peru.

*Rhagoletis* sp. at Laredo, Tex., in pear in baggage from Mexico.

Thirty-four interceptions which could not be identified beyond family (Tephritidae) were intercepted at Laredo, Tex., in apple in baggage from Mexico; at New York, N. Y., in apple in baggage by air from Tripoli; at Seattle, Wash., in apple in stores from Peru; at Boston, Mass., in apricot in stores by air from an unknown origin; at Honolulu, Hawaii in banana in cargo from Siam; at San Diego, Calif., in cucumber in stores from Hawaii; at New York, N. Y., in fresh date in cargo by air from Lebanon and in globe artichoke in baggage from Italy; at Baltimore, Md., and Houston, Tex., in grapefruit in stores from Brazil; at Galveston, Tex., in grapefruit in stores from Argentina; at Norfolk, Va., in grapefruit in stores from Nigeria; at Philadelphia, Pa., in grapefruit in stores from Gold Coast; at Boston, Mass., in guava in baggage by air from the Azores; at Calexico, Calif., in guava in baggage from Mexico; at Honolulu, Hawaii in guava in cargo by air from Siam; at Boston, Mass., in Mandarin orange in stores from India; at New York, N. Y., in Mandarin orange in stores by air from an unknown origin; at Honolulu, Hawaii in mango in stores by air from the Philippines; at Honolulu, Hawaii in nectarine in baggage by air from Australia; at Baltimore, Md., in orange in stores from Brazil; at Boston, Mass., in orange in stores by air from an unknown origin, and in orange in stores from French West Africa and India; at Galveston, Tex., in orange in stores from Spain; at Mobile, Ala., in orange in stores by air from Panama; at San Juan, P. R., in orange in stores from Africa; at New York, N. Y., in papaya in stores from Gold Coast and in peach in baggage by air from France; at Philadelphia, Pa., in pepper in stores from French West Africa; at Boston, Mass., in sweet lime in stores from the Azores; at San Francisco, Calif., in tomato in stores from Hawaii; at Boston, Mass., in vegetable marrow in stores from the Union of South Africa and with mixed fruit in stores by air from an unknown origin.

The following miscellaneous insects of interest were intercepted:

An aleyrodid, Aleurodicinae, new genus near *Aleurodicus*, at Laredo, Tex., on *Oncidium cavendishianum*, an orchid, in cargo from Mexico.

*Aleuroplatus* sp., near *sculpturatus* Q. & B. (Aleyrodidae) at Hoboken, N. J., on an unidentified leaf in mail from Brazil.

*Apion* sp., probably *carduorum* Kby., (Curculionidae) at New York, N. Y., and at Philadelphia, Pa., in globe artichoke in stores from France.

An olethreutid, *Argyroploce* sp., probably *leucotreta* Meyr., at Baltimore, Md., in orange in stores from the Union of South Africa.

*Aserica* sp. (Scarabaeidae) at Honolulu, Hawaii, in soil with dwarf pine in baggage by air from Japan.

A curculionid, *Baris* sp., at Mobile, Ala. and at New York, N. Y., in turnip in stores from France; at Galveston, Tex., in turnip in stores from Portugal.

A cerambycid, "unlike anything in the Museum collection," at Hoboken, N. J., in root of malabar glorylily in cargo by air from the Union of South Africa.

A coccid, Coccinae, "an interesting species", at Brownsville, Tex., on a leaf of *Bromelia* sp. in baggage from Mexico.

*Cryptotermes* sp., probably *brevis* (Wlk.) (Kalotermitidae), at San Pedro, Calif., in a wooden packing case in express from Cuba.

*Cylas* sp., probably *femoralis* Faust (Curculionidae), at New York, N. Y., in sweetpotato in stores by air from the Union of South Africa.



A curculionid, *Epicaerus* sp., probably *cognatus* Sharp, at Brownsville, Tex., in potato in baggage and stores from Mexico; at Eagle Pass, Tex., and Laredo, Tex., in potato in baggage from Mexico; at Hidalgo, Tex., in potato in quarters from Mexico; at Houston, Tex., and New Orleans, La., in potato in stores from Mexico.

*Gnorimoschema* sp., near or equals *borsaniella* Koehr. (Gelechiidae), at Baltimore, Md., in pepper in stores from Brazil; at Charleston, S. C., and at Galveston, Tex., in pepper in stores from Argentina; *Gnorimoschema* sp., near or equals *ocellatella*, at Galveston, Tex., and at New York, N. Y., in beet in stores from Egypt; at Philadelphia, Pa., in beet in stores from France and Israel.

*Gymnandrosoma* sp. (Olethreutidae) at New York, N. Y., in orange in stores by air probably from Trinidad.

*Lixus* sp. (Curculionidae) at Philadelphia, Pa., in beet in stores from Israel.

Sp. of Phalaenidae, "very distinctive—nothing like it in the U. S. National Museum", at Charleston, S. C., on banana leaf in cargo from Ecuador.

*Phenacaspis* sp. (Coccidae), "not recognized as any described species", at Honolulu, Hawaii on *Grammatophyllum scriptum*, an orchid, in air express from the Philippines.

A curculionid, *Premnotrypes* sp., at Galveston, Tex., in potato in stores from Peru.

*Sisamnes* sp. (Lygaeidae), probably a new species, at Laredo, Tex., on cactus in cargo from Mexico.

A scolytid, *Stephanoderes* sp., probably *lecontei* Hopk., at Honolulu, Hawaii in seed of *Lysidice rhodostegia* in mail from Cuba.

*Tetralicia* sp. (Aleyrodidae), "undescribed and very interesting", at Nogales, Ariz., on white sapote leaf in baggage from Mexico.

There were 1,926 interceptions distributed among 564 genera, which could be identified to genus only. A total of 86 could be determined to family or subfamily only.

A total of 2,012 incompletely determined insects were intercepted during the year.

#### DISEASES

Suspected pathogens, some probably new to this country, determined to genus only were:

*Ascochyta* sp., at Washington, D. C., on *Mahonia bealii* in cargo from the Netherlands; at San Francisco, Calif., on *Odontoglossum grande*, an orchid, in air cargo from Guatemala.

*Camarosporium* sp., at Nogales, Ariz., on *Agave* sp. in baggage from Mexico; at Hoboken, N. J., on *Cercidiphyllum* sp. in cargo from the Netherlands; at San Francisco, Calif., on *Cymbidium canaliculatum*, an orchid, in mail from Australia; at Laredo, Tex., on *Epidendrum* sp., an orchid, in cargo from Mexico.

*Caryospora* sp., at San Francisco, Calif., on *Iris atropurpurea* in mail from England, on *Iris germanica* in mail from Australia and on *Iris saari* in mail from Turkey.

*Cercospora* sp., at San Juan, P. R., on *Eryngium foetidum* in a shipment for the mainland; at Laredo, Tex., on *Philodendron* sp. in baggage and cargo from Mexico.

*Coniothyrium* sp., probably *olivaceum*, at El Paso, Tex., on sweet lime in baggage from Mexico; at Honolulu, Hawaii, on Mandarin orange in baggage by air from China; at San Francisco, Calif., on coconut in baggage from Hawaii; at Washington, D. C., on Jobs-tears in mail from the Philippines; at San Francisco, Calif., on *Cymbidium* sp., an orchid, in cargo from England; at Laredo, Tex., on *Laelia* sp., an orchid, in cargo from Mexico; at Laredo, Tex., on *Philodendron* sp. in cargo from Mexico.

*Coryneum* sp., probably *microstictum* Berk. & Br., at Seattle, Wash., on *Rosa* sp. (fruit) in mail from Canada.

Probably *Cryptosphaerella* sp., at San Francisco, Calif., on *Oncidium splendidum*, an orchid, in cargo from Guatemala; *Cryptosphaerella* sp., at Laredo, Tex., on orchid in cargo from Mexico.

*Endoconidiophora* sp., at San Francisco, Calif., on ginger in cargo from Japan.

*Frankiella* sp., close to *alni* (Wor.) Maire & Tison, at Seattle, Wash., on *Cercidiphyllum japonicum* in cargo from Japan.

*Haplosporella* sp., at Philadelphia, Pa., on wisteria vine in quarters from Japan.



*Hendersonia* sp., at San Francisco, Calif., on *Epidendrum* sp., an orchid, in cargo from Salvador; at San Francisco, Calif., on *Haworthia margaritifera* in mail from the Union of South Africa; at Nogales, Ariz., an orchid in baggage from Mexico; at Washington, D. C., on rice seed in mail from Cuba and on *Stylocanthes* sp. in mail from Ethiopia.

*Hypoderma* sp., at Nogales, Ariz., on *Dodonaea* sp. in cargo from Mexico.

*Hysterographium* sp., at Brownsville, Tex., on orchid in cargo from Mexico; at San Francisco, Calif., on *Laelia superbiens*, an orchid, in cargo by air from Guatemala.

*Lembosiosis* sp., at Brownsville, Tex., on *Miltonia endresii*, an orchid, in cargo by air from Costa Rica.

*Leptosphaeria* sp., at Calexico, Calif., on bamboo cane in cargo from Mexico; at San Pedro, Calif., on *Phalaenopsis* sp., an orchid, in baggage from the Philippines; at Laredo, Tex., on *Philodendron* sp. in cargo from Mexico.

*Leptostroma* sp., at Honolulu, Hawaii, on *Agathis australis* in cargo by air from New Zealand; at Nogales, Ariz., on *Hibiscus cannabinus* in baggage from Mexico.

*Lophodermium* sp., at San Francisco, Calif., on *Sobralia* sp., an orchid, in cargo by air from Nicaragua.

*Monilinia* sp., suggesting *laxa* (Aderh. & Ruhl.) Honey, at Hoboken, N. J., on rock cotoneaster in cargo from the Netherlands.

*Mycosphaerella* sp., at Brownsville, Tex., on orange in baggage from Mexico; at Honolulu, Hawaii, on *Banks dracaena* in cargo by air from New Zealand; at San Francisco, Calif., on *Cymbidium elegans*, an orchid, in cargo by air from India; at Miami, Fla., on *Epidendrum radicans*, an orchid, in cargo by air from Costa Rica; at San Francisco, Calif., on *Epidendrum ybaguense* in cargo by air from the Canal Zone.

*Naemosphaeria* sp. (?), at Hoboken, N. J., on *Ficus* sp. stem in cargo from Italy.

*Nocardia* sp., at Hoboken, N. J., on black barberry in cargo from the Netherlands.

*Ophiobolus* sp., at San Francisco, Calif., on coconut in baggage from Hawaii and Japan; at San Francisco, Calif., on coconut in mail from Guam; at Nogales, Ariz., on orchid in baggage from Mexico.

*Pachybasium* sp., at Hoboken, N. J., on tulip in cargo from the Netherlands.

*Periconia* sp., at San Francisco, Calif., on cucumber in stores from Japan.

*Pestalotia* sp., at Laredo, Tex., on *Philodendron* sp. in cargo from Mexico.

*Phaeosphaeria* sp., at San Francisco, Calif., on *Acorus* sp. in cargo by air from Japan.

*Phyllostictina* sp., at Laredo, Tex., on lime leaf in cargo from Mexico; at San Francisco, Calif., on *Cypripedium insigne*, an orchid, in mail from India; at Honolulu, Hawaii, on *Cypripedium* sp. in baggage from Japan and on *Dendrobium undulatum*, an orchid, in cargo by air from Australia; at San Francisco, Calif., on *Dendrobium* spp. in mail from American Samoa; at San Francisco, Calif., on *Dendrobium* sp. in cargo by air from Australia; at Laredo, Tex., on *Oncidium* sp., an orchid, in baggage from Mexico; at Miami, Fla., on orchid leaf in cargo from Brazil.

*Phytophthora* sp., at New York, N. Y., on orange in stores from Brazil; at El Paso, Tex., on Italian squash in cargo from Mexico; at Hoboken, N. J., on gloxinia in air express from Belgium.

*Septoria* sp., at Hoboken, N. J., on *Heurnia* sp. in mail from the Union of South Africa.

*Rhabdospora* sp., at Washington, D. C., on *Dombeya* sp. in mail from Cuba; at San Francisco, Calif., on *Stewartia monadelphica* in cargo from Japan.

*Sclerotium* sp., at Seattle, Wash., on globe butterflybush in cargo from England; at Hoboken, N. J., on Christmas-rose in cargo from England; at Seattle, Wash., on *Lycoris aurea* and *L. radiata* in cargo from Japan and on *L. squamigera* in mail from Japan; at San Francisco, Calif., on *L. squamigera* in cargo from Japan; at Baltimore, Md., on cipollino in cargo from Italy; at San Francisco, Calif., on potato in stores from New Zealand.

*Scolecopeltidium* sp., at Brownsville, Tex., on *Odontoglossum chiriquense*, an orchid, in cargo by air from Costa Rica; at Seattle, Wash., on orchid in mail by air from the Canal Zone.

*Septoria* sp., at Laredo, Tex., on *Agave* sp. and *Cattleya citrina*, an orchid, in cargo and on orange in baggage from Mexico; at Hoboken, N. J., on *Heurnia* sp. and *Stapelia* sp. in mail from the Union of South Africa; at Washington, D. C., on *Medicago* sp. in mail from Ethiopia; at San Francisco, Calif., on *Cypripedium insigne*, an orchid, in cargo from India.



*Stagonospora* sp., at Boston, Mass., on *Stipa tenacissima* in cargo from Italy.

*Streptomyces* sp., at Philadelphia, Pa., on celery in stores from Sweden.

*Tridens* sp., at Hoboken, N. J., on *Cereus nudiflorus* in mail from Cuba.

*Uredo* sp., at Washington, D. C., on *Piper* sp. in cargo from Colombia.

*Verticillium* sp., probably *candidulum* Sacc. var. *binotianum* Sacc., at Honolulu, Hawaii, on *Phalaenopsis aphrodite*, an orchid, in cargo from the Philippines.

*Volutella* sp., at San Pedro, Calif., on ginger in cargo from Japan.

Incompletely determined nematodes worthy of mention were:

*Aphelenchoides*, new species, at El Paso, Tex., in garlic in cargo from Mexico;

*Aphelenchoides* sp. (undescribed) at Hoboken, N. J., in *Solanum tuberosum* var. "Furore" in cargo from the Netherlands.

*Aphelenchus*, new species, at El Paso, Tex., in wheat in mail from Yugoslavia.

*Ditylenchus* sp., at Brownsville, Tex., El Paso, Tex., and Laredo, Tex., in garlic in cargo from Mexico; at Hoboken, N. J., in bulbs of *Chionodoxa* sp., in corms of *Colchicum* sp., and in bulbs of *Tigridia* sp. in cargo from the Netherlands.

*Helicotylenchus*, new species, at New York, N. Y., in soil with rockcress plants in baggage by air from Germany.

*Heterodera* sp., probably *carotae* Jones at San Juan, P. R., in soil with potatoes in stores from Spain; *Heterodera* sp., possibly *goettingiana* Liebscher, at New York, N. Y., in soil with bagging in cargo from the Netherlands and in soil with ivy plants in baggage from France and at Seattle, Wash., in soil with potatoes in stores from Australia; *Heterodera* sp., probably *trifolii*, at San Juan, P. R., in soil with potatoes in cargo from Spain.

*Heterodera* sp. at San Pedro, Calif., in soil with Amaryllidaceae bulbs in mail from Ireland; at New York, N. Y., in soil on army vehicles from Belgium and Germany and with asparagus in baggage and mail from Germany; at Baltimore, Md., in soil with bagging in cargo from England; at New York, N. Y., in soil with bagging in cargo from Belgium, Denmark, England, France, Germany, Italy, the Netherlands, Scotland, and Switzerland; at Norfolk, Va., in soil with bagging in cargo from Belgium, England, Germany, the Netherlands, and Scotland; at Philadelphia, Pa., in soil with bagging in cargo from Belgium, the Netherlands, and Scotland; at San Pedro, Calif., in soil with burlap bags in cargo from the Netherlands, at New York, N. Y., and at Philadelphia, Pa., in sand and soil ballast from England and Scotland; at Blaine, Wash., in soil with potatoes in stores from Tasmania; at Charleston, S. C., in soil with leek and potatoes in stores from the Netherlands; at Boston, Mass., in soil with chrysanthemum plants in baggage from England, in soil with camellia and rose plants in baggage by air from Italy, in soil with brunsvigia bulbs and unidentified herbs in baggage by air from the Azores; at Hoboken, N. J., in soil with plant material for propagation from England, France, Germany, Italy, the Netherlands, Scotland, Switzerland, and Yugoslavia and in soil with potatoes in cargo from the Netherlands; at New York, N. Y., in soil with an army vehicle from Germany, in soil with dasheens in cargo from the Azores, in soil with forget-me-not plants in quarters by air from England, in soil with onions in cargo from Chile, in soil with potatoes in cargo from Spain, in soil with shamrocks in cargo by air from Ireland, in soil with loquat cuttings in baggage from Lebanon, in soil with *Pelargonium* sp. in baggage from England, in soil with potatoes in baggage by air from Germany, in soil with salsify roots in baggage from Belgium, in soil with potatoes in stores from the Netherlands and Scotland, with plant material for propagation from the Azores, Denmark, England, France, Germany, Greece, Italy, the Netherlands, Scotland, and Switzerland, and in soil with potatoes in baggage from the Azores, England, and Germany; at Norfolk, Va., in soil with carrots in stores from the Netherlands, in soil with parsnips in stores from Ireland, in soil, with potatoes in stores from Belgium, Brazil, Denmark, the Netherlands, and Norway; at Philadelphia, Pa., in soil with cabbage in stores from Portugal, in soil with carrots in stores from England, in soil with gobo roots in stores from Japan, in soil with leeks in stores from Norway, in soil with unknown plants in quarters from France, in soil with shamrocks in mail from Ireland, in soil with potatoes in stores from Australia, Belgium, Brazil, Egypt, England, Germany, Italy (?), the Netherlands, New Zealand, Spain, and Sweden, in soil with plant material for propagation from Germany, Japan, Morocco, the Netherlands, Sweden, and Yugoslavia; at San Francisco, Calif., in soil with potatoes in stores from Australia, England, and Peru, in soil with plant material for propagation from Germany, Italy, the Netherlands, and Yugoslavia; at San Pedro, Calif., in soil with beets and parsnips in stores from England, in soil with white clover in mail from Ireland; at San Juan, P. R., in soil with potatoes in cargo



from Spain; at Seattle, Wash., in soil with carrots in stores from the Netherlands, in soil with plant material for propagation from Canada, England, Germany, Ireland, and Japan.

*Hoplolaimus*, new species, at Honolulu, Hawaii, in roots of *Asparagus myriocladus* in express from Japan.

Possibly an undescribed species of *Meloidogyne* at San Pedro, Calif., in the root of an unidentified plant in baggage from Salvador; *Meloidogyne* sp., at Hoboken, N. J., in the root of *Aster yunnanensis* in cargo from the Netherlands and in *Begonia multiflora* in cargo from Belgium; at Seattle, Wash., in *Bletilla hyacinthina*, an orchid, in cargo from Japan; at San Pedro, Calif., in carrot in stores from Japan; at Hoboken, N. J., in dahlia tubers in mail from India and in dahlia tubers in cargo from the Netherlands; at Laredo, Tex., in dahlia tubers in mail from Israel and in *Lophophora williamsii* in cargo from Mexico; at Hoboken, N. J., in root of *Passiflora* sp. in baggage from Bermuda and in *Sinningia* sp. in cargo from the Netherlands; at Philadelphia, Pa., in potato in stores from Portugal; at Hoboken, N. J., in root of *Viburnum* sp. in cargo from Belgium.

*Paraphelenchus* sp., at Seattle, Wash., in *Bletilla hyacinthina* in cargo from Japan.

*Pratylenchus* sp., at Washington, D. C., in soil with tulip and narcissus bulbs in cargo from Germany.

*Rotylenchus* sp., at New York, N. Y., in soil with crocus plants in baggage by air from the Netherlands.

A tylenchid, new genus, at Washington, D. C., in soil around dracaena plants in air express from the French Cameroons.

*Tylenchus* sp., at New York, N. Y., in *Allium neapolitanum* in cargo from Turkey; at Seattle, Wash., in *Bletilla* sp. in cargo from Japan.

*Xiphinema* sp., at New York, N. Y., in soil with *Aloe* sp. plants in baggage by air from Italy.

A total of 827 incompletely determined pathogens were recorded during the year.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Europe—Continued		
Afghanistan.....	0	3	Ireland.....	12	8
Africa (country unknown).....	1	1	Italy.....	231	16
Algeria.....	7	1	Netherlands.....	33	100
British West Africa.....	2	0	Norway.....	3	3
Canary Islands.....	1	1	Portugal.....	17	5
Cape Verde Islands.....	0	1	Scotland.....	9	42
Egypt.....	2	1	Spain.....	15	17
Ethiopia.....	0	4	Sweden.....	10	7
French West Africa.....	0	1	Switzerland.....	4	15
Gold Coast.....	9	0	Trieste.....	1	0
Kenya.....	0	1	Turkey.....	2	6
Liberia.....	3	0	Union of Soviet Socialistic		
Libya.....	1	0	Republics.....	0	1
Madeira Islands.....	3	0	Yugoslavia.....	4	0
Morocco.....	3	0	North America:		
Mozambique.....	0	1	Bermuda.....	21	4
Natal.....	0	1	Canada.....	2	12
Nigeria.....	0	1	Canal Zone.....	45	4
Sierra Leone.....	2	0	Central America.....	1	0
Tripoli.....	1	0	British Honduras.....	1	1
Union of South Africa.....	22	29	Costa Rica.....	15	5
Asia:			Guatemala.....	27	6
Borneo.....	0	1	Honduras.....	6	0
China.....	3	160	Nicaragua.....	12	1
Formosa.....	4	21	Panama.....	33	3
Hashemite Kingdom of Jor-			Salvador.....	14	1
dan.....	0	2	Mexico.....	872	122
India.....	43	19	West Indies.....		
Indonesia.....	3	1	Bahamas.....	3	0
Israel.....	9	1	Barbados.....	4	0
Japan.....	127	265	British West Indies.....	1	0
Jerusalem.....	2	0	Cuba.....	53	4
Korea.....	1	2	Curaçao.....	1	0
Malaysia.....	0	1	Dominica.....	2	0
Pakistan.....	1	0	Dominican Republic.....	4	0
Palestine.....	2	3	Haiti.....	2	2
Straits Settlements.....	3	5	Jamaica.....	24	0
Syria.....	1	0	Montserrat.....	1	0
Thailand.....	2	0	Puerto Rico.....	12	3
Australasia:			Trinidad.....	13	1
Arno Atoll Island.....	1	0	Virgin Islands.....	1	0
Australia.....	12	33	South America:		
Ceylon.....	1	2	Argentina.....	2	55
Fiji Islands.....	1	0	Bolivia.....	1	0
Guam.....	7	5	Brazil.....	21	96
Hawaii.....	136	34	British Guiana.....	0	1
Java.....	1	1	Chile.....	7	1
Lebanon.....	9	1	Colombia.....	5	0
Marshall Islands.....	1	0	Ecuador.....	27	0
New Zealand.....	3	12	Netherlands Guiana.....	3	0
Norfolk Island.....	0	2	Peru.....	4	4
Palmyra Islands.....	1	1	Uruguay.....	1	1
Philippines.....	27	4	Venezuela.....	12	1
Saipan.....	1	0	Total:		
South Pacific.....	2	0	Africa.....	57	46
Tahiti.....	1	2	Asia.....	201	481
Wake Island.....	1	0	Australasia.....	206	97
Yap Island.....	1	0	Europe.....	442	379
Europe:			North America.....	1, 170	169
Austria.....	0	3	South America.....	83	159
Azores.....	13	1	Unknown.....	11	3
Belgium.....	3	16	Total.....	2, 170	1, 334
Czechoslovakia.....	1	0	Total incompletely deter-		
Denmark.....	3	10	mined pests.....	2, 012	827
England.....	13	88	Total insect interceptions.....	4, 182	-----
Europe (locality unknown).....	0	1	Total disease intercep-		
Finland.....	0	1	tions.....	-----	2, 161
France.....	28	14	Grand total.....	-----	1 6, 343
Germany.....	22	19			
Greece.....	17	5			
Hungary.....	1	1			

<sup>1</sup> This total represents only pests of known or potential plant-quarantine importance. The total of all interceptions made during the year was 15,311.

NOTE.—Interceptions were also made from American Samoa, Antigua, Belgian Congo, Burma, Caicos Islands, Cook Islands, Cyprus, French Cameroons, Guadeloupe, Iran, Madagascar, New Guinea, New Hebrides, Okinawa, St. Kitts, St. Vincent, Samoa, Solomon Islands, Transvaal, and Tunisia.



*Pests (insects) collected and reported from July 1, 1951, through June 30, 1952*

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Acalla schalleriana</i> (F.) (Tortricidae):					
<i>Rhododendron indicum</i> (indica azalea)	Belgium			1	N. J.
<i>Acalymma trivittata</i> (Mann.) (Chrysomelidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Ariz.
<i>Acalypta parvula</i> (Fall.) (Tingidae):					
Forest litter, moss, and soil used as packing material.	Spain			1	N. Y.
<i>Acanthoscelides griseolus</i> (Fall) (Bruchidae):					
<i>Sesbania</i> sp.	Mexico			1	Calif.
<i>Acanthoscelides spinipes</i> (Er.) (Bruchidae):					
<i>Acacia</i> sp.	Greece	1		1	Mass., N. Y.
<i>Achatina fulica</i> Fer. (Mollusca):					
Returned military equipment	Formosa, Guam, Philippines.	7			Calif.*
Scrap metal	Guam, South Pacific	2			Calif.*, Tex.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae):					
Orchid	Hawaii	1			Hawaii.
<i>Adoxophyes orana</i> (F. R.) (Tortricidae):					
<i>Syringa</i> sp. (lilac)	Netherlands	9			N. Y.
<i>Aeolus vermiculatus</i> Champion (Elateridae):					
Orchid	Mexico			1	Tex.
<i>Agallia lingula</i> Van D. (Cicadellidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Aganactesis indecora</i> (Dyar) (Galleriidae):					
<i>Cassia fistula</i> (golden-shower)	Jamaica	1			Fla.*
<i>Agrotis ypsilon</i> (Rott.) (Phalaenidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Australia		1		Tex.
<i>Alcidodes dentipes</i> (Oliv.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Sierra Leone		1		Pa.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (sour lime)	Cuba, Mexico	15			Ariz., Fla.,* Tex.
<i>Citrus limon</i> (lemon)	Mexico	2			Tex.
<i>Citrus reticulata</i> (Mandarin orange)	do	2			Tex.
<i>Citrus sinensis</i> (orange)	do	1			Calif.
<i>Citrus</i> sp.	Jamaica, Mexico, Panama.	13			Calif.,* Fla.,* Tex.
<i>Coffea</i> sp. (coffee)	Mexico	2			Ariz., Tex.
<i>Aleuroglandulus emmae</i> Rsl. (Aleyrodidae):					
<i>Impatiens balsamina</i> (?)	do			1	Ariz.
<i>Psidium</i> sp., probably <i>guajava</i>	do			1	Ariz.
<i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae):					
<i>Citrus aurantifolia</i> (sour lime)	do	1			Tex.
<i>Aleurotuberculatus jasmini</i> Takah. (Aleyrodidae):					
<i>Jasminum</i> sp.	Philippines			1	Calif.*
<i>Allantus cinctus</i> (L.) (Tenthredinidae):					
<i>Rosa multiflora superba</i>	Netherlands			1	Wash.
<i>Rosa</i> sp.	Belgium, Netherlands			2	N. J.
<i>Amitermes unidentatus</i> Wasm. (Termitidae):					
<i>Khaya</i> sp.	Gold Coast	1			Md.
<i>Amorbia emigratella</i> Busck (Tortricidae):					
<i>Capsicum frutescens grossum</i> (bell pepper)	Mexico	1			Tex.
<i>Gladiolus</i> sp.	do	1			Tex.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Citrus aurantifolia</i> (sweet lime)	do	6			Tex.
<i>Citrus aurantium</i> (sour orange)	do		1		Tex.
<i>Citrus limon ponderosa</i>	do	1			Tex.
<i>Citrus paradisi</i> (grapefruit)	do	7			Tex.
<i>Citrus reticulata</i> (Mandarin orange)	do		2		Ala., Tex.
<i>Citrus sinensis</i> (orange)	Central America, Guatemala, Mexico.	157	14		Ariz., Calif.,* La., Tex.
<i>Mangifera indica</i> (mango)	Guatemala, Mexico	32	2		Ariz., Calif.,* Tex.
<i>Pyrus communis</i> (pear)	Mexico	4			Tex.
Truck bed	do		1		Tex.
<i>Anastrepha ludens</i> (Loew) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange)	do	1			Tex.
<i>Persea americana</i> (avocado)	do	1			Tex.

*Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—*  
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
Fruit—unidentified	Salvador	1			Calif.*
<i>Mangifera indica</i> (mango)	Bahamas, Colombia, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, Trinidad, Virgin Islands.	63	7		Ala., Calif.,* Fla.,* La., Md., N. Y., Pa., S. C., Tex.
<i>Spondias mombin</i> (yellow mombin)	Costa Rica, Guatemala, Mexico, Nicaragua, Salvador.	12	1		Calif.,* La., Tex.
<i>Spondias</i> sp.	Mexico	1			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae):					
<i>Mangifera indica</i> (mango)	do	1			Tex.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Ecuador	1			Calif.*
<i>Calocarpum sapota</i> (mamey sapote)	Mexico, Nicaragua	2			Calif.,* Tex.
<i>Mammea americana</i> (mamey)	Colombia, Mexico	4			Fla.,* Tex.
<i>Anastrepha striata</i> Schiner (Tephritidae):					
<i>Psidium guajava</i> (guava)	Mexico	1			Ariz.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava)	Cuba, Puerto Rico	4			Fla.,* N. Y.
<i>Ancylostomia stercorea</i> (Zell.) (Phycitidae):					
<i>Pisum sativum</i> (pea)	Puerto Rico	1			Tex.
<i>Antonina graminis</i> (Mask.) (Coccidae):					
Grass	Philippines	1			Calif.*
<i>Anuraphis tulipae</i> (Fonse.) (Aphidae):					
<i>Arracacia xanthorrhiza</i>	Brazil			1	D. C.
<i>Crocus</i> sp.	Netherlands			1	N. Y.
<i>Iris atrofusca</i>	Jerusalem			2	D. C., N. J.
<i>Iris</i> spp.	Italy			1	N. J.
<i>Tulipa</i> sp.	Netherlands			1	Pa.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Citrus sinensis</i> (orange)	Philippines		1		Calif.*
<i>Pyrus communis</i> (pear)	Greece	1			N. Y.
<i>Aonidiella comperei</i> McKenzie (?) (Coccidae):					
<i>Citrus grandis</i>	Thailand			1	Hawaii
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Marshall Islands, South Pacific.	2			Calif.*
<i>Jasminum</i> sp.	Philippines			1	Calif.*
<i>Aphis callunae</i> Theob. (Aphidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N. Y.
<i>Argyresthia conjugella</i> (Zell.) (Hyponomeutidae):					
<i>Malus sylvestris</i> (apple)	Norway, Sweden	2	2		N. Y., Wash.
<i>Argyroplote leucotreta</i> Meyr. (Olethreutidae):					
<i>Citrus paradisi</i> (grapefruit)	Gold Coast		1		Pa.
<i>Citrus sinensis</i> (orange)	Union of South Africa		2		Tex.
<i>Arvelius albopunctatus</i> (Deg.) (Pentatomidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Tex.
<i>Aspidiotus corticis-pini</i> Ldgr. (Coccidae):					
<i>Pinus</i> sp. (5-leaved pine)	Japan			2	Calif.*
<i>Aspidiotus cryptoxanthus</i> Ckll. (Coccidae):					
<i>Castanea</i> sp. (chestnut)	do			1	D. C.
<i>Aspidiotus degeneratus</i> (Leon) (Coccidae):					
<i>Schima</i> sp.	do			1	Calif.*
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Achras zapota</i> (sapodilla)	Bahamas		1		Fla.*
Araceae	Cuba	1			Fla.*
<i>Cocos nucifera</i> (coconut)	Canal Zone, Mexico, Panama.	3	1	1	Calif.*
<i>Epidendrum</i> sp. (orchid)	Japan			1	Calif.*
<i>Haworthia</i> sp.	Union of South Africa			1	Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Panama	1			Calif.*
Orchid	Canal Zone			1	Fla.
<i>Persea americana</i> (avocado)	Cuba	1			Fla.*
Plant—unidentified	Panama			1	Ala.
<i>Swietenia mahagoni</i> (mahogany)	Dominican Republic			1	Fla.



Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—  
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Aspidiotus herculeanus</i> Ckll. & Hadd. (Coccidae): <i>Chrysophyllum cainito</i> (star-apple)-----	Cuba-----	1			Fla.*
<i>Aspidiotus latastei</i> Ckll. (Coccidae): <i>Prunus persica nectarina</i> (nectarine)-----	Chile-----	1			N. Y.
<i>Aspidiotus palmae</i> Ckll. (Coccidae): Araceae-----	Cuba-----	1			Fla.*
<i>Cocos nucifera</i> (coconut)-----	Mexico, Nicaragua-----	2			Calif.*
<i>Laurus nobilis</i> (Grecian laurel)-----	Brazil-----	1			Fla.*
<i>Musa paradisiaca sapientum</i> (banana)-----	Panama-----	1			Calif.*
<i>Vriesia</i> sp.-----	Germany-----			1	N. J.
<i>Asterolecanium agavis</i> Rsl. (Coccidae): Plant—unidentified-----	Mexico-----	1			Tex.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae): Bamboo-----	Cuba, Mexico-----	1		1	Fla., Tex.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae): <i>Broughtonia lilacina</i> (orchid)-----	Jamaica-----			1	Hawaii
<i>Cattleya</i> sp. (orchid)-----	Costa Rica-----			1	Calif.*
<i>Gongora</i> sp. (orchid)-----	Canal Zone-----			1	Calif.*
Orchid-----	Cuba, Panama, Trinidad-----			3	Fla., P. R.
<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae): <i>Mangifera indica</i> (mango)-----	Jamaica-----			1	Fla.
<i>Nerium oleander</i> (oleander)-----	Cuba-----	1			Fla.*
<i>Plumeria</i> sp.-----	Mexico-----			1	Ariz.
<i>Astrolecanium stentae</i> Brain (Coccidae): <i>Caralluma maculata</i> -----	Union of South Africa-----			1	N. J.
<i>Heurnia campanulata</i> -----	do-----			1	N. J.
<i>Heurnia</i> sp.-----	do-----			1	N. J.
<i>Piранthus pulcher</i> -----	do-----			1	N. J.
<i>Aufeius impressicollis</i> Stal (Coreidae): Orchid-----	Mexico-----			1	Tex.
<i>Aulacaspis tegalensis</i> (Zehnt.) (Coccidae): <i>Cymbopogon citratus</i> (lemon grass)-----	Java-----		1		Calif.*
<i>Aulacaspis tubercularis</i> Newst. (Coccidae): <i>Mangifera indica</i> (mango)-----	Barbados, Brazil, Salvador-----	4			Calif.* Fla.* P. R.
<i>Bemisia tabaci</i> (Genn.) (Aleyrodidae): <i>Euphorbia pulcherrima</i> (poinsettia)-----	Mexico-----			1	Ariz.
<i>Bostrychoplites cornutus</i> (Oliv.) (Bostrichidae): <i>Khaya</i> sp.-----	Liberia-----	1			La.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae): <i>Allium sativum</i> (garlic)-----	Italy-----	3			N. Y.
<i>Brachycerus algrus</i> (F.) (Curculionidae): <i>Allium sativum</i> (garlic)-----	Italy, Spain-----	5			Md., N. Y.
<i>Brachyplatys deplanatus</i> (Eschscholz) (Pentatomidae): Vine—unidentified-----	Philippines-----	1			Calif.*
<i>Brachyrhinus rugosostriatus</i> (Goeze) (Curculionidae): Soil around plants-----	Canada-----			1	N. Y.
<i>Brachyrhinus sulcatus</i> (F.) (Curculionidae): <i>Vitis</i> sp. (grape)-----	Belgium-----		1		N. Y.
<i>Bradybaena similis</i> (Fer.) (Mollusca): In box containing <i>Vanda</i> leis-----	Hawaii-----	1			Hawaii
<i>Brevipalpus australis</i> (Tucker) (Phytoptipalpidae): <i>Odontonia</i> sp. (orchid)-----	France-----			1	Wash.
<i>Bruchus dentipes</i> Baudi (Bruchidae): <i>Vicia faba</i> (broadbean)-----	Lebanon-----	2			N. Y.
<i>Bruchus lentis</i> Froel. (Bruchidae): <i>Lens culinaris</i> (lentil)-----	Italy-----	2			N. Y.
<i>Bruchus luteicornis</i> Ill. (Bruchidae): <i>Vicia sativa</i> (vetch)-----	France, Italy, Netherlands-----	7			N. Y., Pa.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae): <i>Lens culinaris</i> (lentil)-----	Italy-----	1			Mass.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—  
Continued

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<i>Bruchus tristis</i> Boh. (Bruchidae):					
<i>Lathyrus sativus</i> (grass pea) .....	Italy .....	1		1	Mass., N. J.
<i>Lathyrus</i> sp. ....	do .....			1	N. J.
<i>Pisum sativum</i> (pea) .....	Yugoslavia .....			1	Pa.
<i>Vicia faba</i> (broadbean) .....	Italy .....	1		1	N. J., N. Y.
<i>Vicia faba</i> var. ....	do .....	1			N. Y.
<i>Bryobia praetiosa</i> Koch (Tetranychidae):					
<i>Malus sylvestris</i> (apple) .....	Chile .....	1			N. Y.
<i>Cacoecia pronubana</i> (Hbn.) (Tortricidae):					
<i>Punica granatum</i> (pomegranate) .....	Italy, Yugoslavia .....	2			N. Y., Pa.
<i>Callidium rufipenne</i> Mots. (Cerambycidae):					
Wood .....	Japan .....	1			N. Y.
<i>Capaneus tetricus</i> Stal (Coreidae):					
Orchid .....	Mexico .....			3	Tex.
<i>Philodendron</i> sp. ....	do .....			1	Tex.
<i>Carpocoris pudicus</i> (Poda) (Pentatomidae):					
<i>Gladiolus</i> sp. ....	Unknown .....		1		N. Y.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Bauhinia purpurea</i> (purple bauhinia) .....	India .....			1	N. J.
<i>Bauhinia</i> sp. ....	do .....			1	D. C.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Annona</i> sp. ....	Portugal .....	1			N. Y.
Cactus .....	Italy .....	3			N. Y.
<i>Citrus limon</i> (lemon) .....	Madeira Islands .....	1			Mass.
<i>Citrus paradisi</i> (grapefruit) .....	Algeria, France, Israel, Lebanon, Spain. ....		6		Ala., La., Pa., Tex.
<i>Citrus reticulata</i> (Mandarin orange) .....	Africa, Italy, Portugal, Spain. ....	8	4		Mass., N. Y., Pa., Tex.,
<i>Citrus sinensis</i> (orange) .....	Egypt, Morocco, Israel, Italy, Portugal, Spain. ....	5	12		Mass., N. Y., Pa., Tex., Va.
<i>Coffea</i> sp. (coffee) .....	Hawaii .....	1	1		Calif.*
<i>Cydonia oblonga</i> (quince) .....	Italy .....	3			N. Y.
<i>Ficus carica</i> (fig) .....	Greece, Italy .....	3			Mass., N. Y.
Fruits—with various .....	Unknown .....	1			N. Y.
<i>Malus sylvestris</i> (apple) .....	France, Italy, Portugal .....	1	2		Md., N. Y.
<i>Mangifera indica</i> (mango) .....	Madeira Islands .....	1			Mass.
<i>Opuntia compressa</i> (pricklypear) .....	Italy .....	6			N. Y.
<i>Opuntia</i> sp. ....	do .....	1			Ill.
<i>Prunus armeniaca</i> (apricot) .....	Algeria .....		1		N. Y.
<i>Prunus persica</i> (peach) .....	Azores, France, Israel, Italy, Portugal, Spain, Tripoli. ....	6	12		Mass., N. Y., Pa.
<i>Psidium guajava</i> (guava) .....	Azores .....	2			Mass.
<i>Punica granatum</i> (pomegranate) .....	Greece, Italy, Lebanon .....	5			N. Y.
<i>Pyrus communis</i> (pear) .....	France, Greece, Italy .....	3	1		Mass., N. Y.
<i>Vitis</i> sp. (grape) .....	France .....		1		Mass.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Coffea</i> sp. (coffee) .....	Hawaii .....	3			Hawaii
<i>Mangifera indica</i> (mango) .....	do .....	1			Hawaii
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Anthurium</i> sp. ....	do .....	1			Calif.*
<i>Gardenia</i> sp. ....	do .....			1	Calif.*
<i>Pinus parviflora</i> (Japanese white pine) .....	Japan .....			1	Calif.*
<i>Schima</i> sp. ....	do .....			1	Calif.*
<i>Ceroplastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig) .....	Italy .....			1	N. Y.
<i>Ceroplastes sinensis</i> Del Guer. (Coccidae):					
<i>Feijoa</i> sp. ....	New Zealand .....			1	Hawaii
<i>Chaetoptelius vestitus</i> (Rcy) (Scolytidae):					
<i>Pistacia</i> sp. (pistache) .....	Turkey .....	1			N. Y.
<i>Chelymophra alternans</i> Boh. (?) (Chrysomelidae):					
Airplane .....	Unknown .....		1		Fla.*
<i>Chilo simplex</i> (Btlr.) (Crambidae):					
<i>Oryza sativa</i> (rice) .....	China, Formosa, Japan .....	19	2		Calif.,* D. C., Hawaii, Wash.



Pests (insects) collected and reported from July 1, 1951; through June 30, 1952—  
Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
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"Chionaspis" leucadendri Brain (Coccidae): Leucadendron argenteum (silver leucadendron).....	Union of South Africa.....	2			Mass.
Chrysomphalus agavis (Townsend & Ckll.) (Coccidae): Agave stricta (hedgehog agave).....	Mexico.....			1	Ariz.
Chrysomphalus albopictus (Ckll.) (Coccidae): Citrus sinensis (orange).....	do.....		1		Calif.*
Chrysomphalus personatus (Comst.) (Coccidae): Citrus aurantifolia (lime).....	do.....	1			Calif.*
Citrus paradisi (grapefruit).....	Brazil.....		1		Calif.*
Persea americana (avocado).....	Mexico.....	1			Tex.
Chrysomphalus rossi (Mask.) (Coccidae): Ficus rubiginosa (rusty fig).....	Australia.....			1	Calif.*
Leucospermum sp.....	Union of South Africa.....	1			Mass.
Chrysomphalus scutiformis (Ckll.) (Coccidae): Costus speciosus (canereed spiral flag).....	Brazil.....	1			Tex.
Chrysomphalus tingi (McKenzie) (Coccidae): Phalaenopsis amabilis (orchid).....	Philippines.....			1	Calif.*
Phalaenopsis sp.....	do.....			1	Calif.*
Chrysomphalus umboniferus (Newst.) (Coccidae): Oncidium isthmi (orchid).....	Panama.....			1	Tex.
Oncidium panamense (orchid).....	Canal Zone.....			1	N. J.
Orchid.....	Canal Zone, Mexico.....			2	Fla., Tex.
Clysia ambiguella Hbn. (?) (Phaloniidae): Vitis sp. (grape).....	France.....		1		Mass.
Coccotrypes dactyliperda (F.) (Scolytidae): Phoenix dactylifera (date).....	Mexico.....	1			Calif.
Coccus acutissimus (Green) (Coccidae): Cycas sp.....	Hawaii.....	1			Hawaii.
Coccus capparidis (Green) (Coccidae): Cyrtopodium hirsutissimum (orchid).....	India.....			1	N. J.
Coccus viridis (Green) (Coccidae): Chrysophyllum cainito (star-apple).....	Cuba.....	1			Fla.*
Coffea arabica (Arabian coffee).....	Hawaii.....	1			Calif.*
Coffea sp.....	Brazil, Cuba, Hawaii, Puerto Rico.....	3	1	1	Calif.,* Fla.*
Diospyros sp. (persimmon).....	Italy.....	1			N. Y.
Gardenia augusta (gardenia).....	Cuba, Hawaii, Panama.....	29	1	1	Calif.,* Fla. Hawaii.
Ixora sp.....	Jamaica.....			1	Fla.
Leaf—unidentified.....	Hawaii.....			1	Calif.*
Plumeria sp.....	do.....			1	Calif.*
Conchaspis angraeci Ckll. (Coccidae): Brassia caudata (orchid).....	Canal Zone.....			1	Calif.*
Leaf—unidentified.....	Peru.....	1			Fla.*
Conotrachelus aguacatae Barber (Curculionidae): Persea americana (avocado).....	Mexico.....	64			Tex.
Cordylomera spinicornis (F.) (Cerambycidae): Khaya sp.....	Gold Coast.....	1			Mass.
Cosmopolites sordidus (Germ.) (Curculionidae): Musa paradisiaca sapientum (banana).....	Mexico.....	1			Tex.
Crophius scabrosus Uhler (Lygaeidae): Orchid.....	do.....			1	Tex.
Cryphula apicatus (Dist.) (Lygaeidae): Cactus.....	do.....			1	Tex.
Cryptoblabes gnidiella (Mill.) (Phycitidae): Carica papaya (papaya).....	Bermuda.....			1	N. Y.
Castanea sp. (chestnut).....	Italy.....	1			N. Y.
Citrus limon (lemon).....	do.....		1		N. Y.
Coccolobas uvifera (seagrape).....	Bermuda.....	1			N. Y.
Punica granatum (pomegranate).....	Italy, Yugoslavia.....	10			N. Y.
Cryptophlevia illepidia (Btlr.) (Olethreutidae): Pithecellobium dulce.....	Hawaii.....	1			Hawaii
Cryptorhynchus mangiferae (F.) (Curculionidae): Mangifera indica (mango).....	Hawaii, India.....	6	1	2	Calif., N. Y.
Curculio elephas (Gyll.) (Curculionidae): Castanea sp. (chestnut).....	Italy, Portugal.....	35	1	1	Mass., N. J., N. Y., Tex.



*Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—*  
Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Cyclocephala cubana</i> Chpn. (Scarabaeidae): <i>Ananas comosus</i> (pineapple).....	Cuba.....	1			N. Y.
<i>Cyclocephala lunulata</i> Burm. (Scarabaeidae): Airplane.....	Costa Rica.....		1		Fla.*
<i>Cylas formicarius</i> (F.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	India, Indonesia.....		5		H a w a i i, N. Y.
<i>Cylas formicarius</i> (F.) var. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	China, India, Thailand..	3			Calif.*, Mass.
<i>Cylas formicarius</i> var. <i>elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Brazil, Costa Rica, Cuba, Curacao, Jamaica, Mexico, Puerto Rico.	17	14		Ala., Fla.*, Ga., La., Md., N. Y., Pa., S. C., Tex.
<i>Cylas puncticollis</i> Boh. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	British West Africa, Gold Coast, Sierra Leone.		5		Mass., N. Y., Pa., Va.
<i>Cyrtopeltis varians</i> (Dist.) (Miridae): <i>Chrysanthemum</i> sp.....	Mexico.....	1			Ariz.
<i>Dactylopius coccus</i> Costa (Coccidae): <i>Grusonia bradtiana</i> (cactus).....	do.....			1	Tex.
<i>Dacus cucurbitae</i> Coq. (Tephritidae): <i>Capsicum frutescens</i> (pepper).....	Hawaii.....		1		Tex.
<i>Cucumis sativus</i> (cucumber).....	do.....	2	1		Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	do.....		12		Calif.*
<i>Phaseolus vulgaris</i> var. (string bean).....	do.....	1			Calif.*
<i>Dacus dorsalis</i> Hend. (Tephritidae): Airplane.....	do.....		1		Hawaii
<i>Eugenia malaccensis</i> (Malay-apple).....	do.....	1			Calif.*
<i>Mangifera indica</i> (mango).....	do.....	1	1		Calif.*, Ha- w a i i.
<i>Musa paradisiaca sapientum</i> (banana).....	do.....		1		Calif.*
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae): <i>Capsicum frutescens grossum</i> (bell pepper).....	do.....		1		Wash.
<i>Lycopersicon esculentum</i> (tomato).....	do.....		1		Ala.
<i>Pithecellobium dulce</i> (guamachil).....	do.....	1			Hawaii
<i>Dacus oleae</i> (Gmel.) (Tephritidae): <i>Olea europaea</i> (olive).....	Azores, Greece, Italy, Lebanon, Libya, Palestine, Turkey.	46		1	Mass., N. Y.
<i>Dacus oleae</i> (Gmel.) (?) (Tephritidae): <i>Oleo europaea</i> (olive).....	Italy.....	2			N. Y.
<i>Deloyala guttata</i> (Oliv.) (Chrysomelidae): Orchid.....	Mexico.....			1	Tex.
<i>Delphacodes dissipata</i> Muir (Delphacidae): Airplane.....	do.....		1		Tex.
<i>Deroceras reticulatum</i> (Muller) (Mollusca): <i>Brassica oleracea capitata</i> (cabbage).....	Netherlands.....	1			N. Y.
<i>Cortaderia selloana</i> (selloa pampasgrass).....	New Zealand.....			1	D. C.
<i>Dianthus</i> sp. (carnation).....	Azores.....	1			Mass.
<i>Lactuca sativa</i> (lettuce).....	Lebanon.....		1		Mass.
<i>Zantedeschia aethiopica</i> (calla lily).....	Azores.....			1	Mass.
<i>Diabrotica lepida</i> (Say) (Chrysomelidae): <i>Philodendron</i> sp.....	Mexico.....			1	Tex.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae): <i>Citrus reticulata</i> (Mandarin orange).....	Japan.....		1		Calif.*
<i>Citrus</i> sp.....	do.....		1		Calif.*
<i>Gardenia</i> sp.....	do.....		1		Calif.*
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae): <i>Citrus</i> sp.....	Dominican Republic.....	1			Fla.*
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae): <i>Jasminum</i> sp.....	Philippines.....			1	Calif.*
<i>Diaphania unionalis</i> (Hbn.) (?) (Pyraustidae): <i>Olea europaea</i> (olive).....	Italy.....			1	N. Y.
<i>Dinoderus brevis</i> Horn (Bostrichidae): Bamboo.....	India.....	1			N. Y.
"Sauali mats".....	Philippines.....	1			Tex.



*Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—*  
Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Diorymerellus laevimargo</i> Champ. (Curculionidae): Orchid	Mexico			3	Tex.
<i>Dyscinetus frater</i> Bates (Scarabaeidae): Packing around <i>Dioscorea</i> roots	Guatemala			1	D. C.
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae): Cactus	Mexico	1			Tex.
<i>Dysdercus obliquus</i> (H.-S.) (Pyrrhocoridae): <i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae): <i>Allium sativum</i> (garlic)	Italy	3			N. Y.
<i>Earias insulana</i> f. <i>semifascia</i> Warren (Phalaenidae): <i>Gossypium</i> sp. (cotton; boll)	Syria	1			D. C.
<i>Epilachna varivestis</i> Muls. (Coccinellidae): Orchid	Mexico			2	Tex.
<i>Selaginella</i> sp.	do			1	Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae): <i>Phaseolus vulgaris</i> var. (string bean)	do	6	1		Tex.
<i>Ereunetis flavistriata</i> Wlsm. (Tineidae): <i>Cocos nucifera</i> (coconut)	Cuba, Hawaii	2			Calif.* Ha- wail.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae): <i>Buxus sempervirens</i> (box)	England, Netherlands			4	N. J.
<i>Buxus</i> sp.	Netherlands			3	N. J.
<i>Eucactophagus aurocinctus</i> Champ. (Curculionidae): <i>Cynoches</i> sp. (orchid)	Costa Rica			1	Fla.
<i>Eulachnus piniformosanus</i> Takah. (?) (Aphidae): <i>Pinus</i> sp. (2-leaved pine)	Japan	1			Wash.
<i>Eurytoma orchiderarum</i> (Westw.) (Eurytomidae): <i>Cattleya mossiae</i> (orchid)	Venezuela			1	N. J.
<i>Cattleya</i> sp. (orchid)	do			3	Fla.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	Brazil, Cuba, Netherlands Guiana, Venezuela.		8		Ala., La., Md., Pa.
<i>Eustrophinus marginatus</i> Champ. (Melandryidae): Orchid	Mexico			4	Tex.
<i>Evergestis forficalis</i> (L.) (Pyraustidae): <i>Brassica oleracea botrytis</i> (cauliflower)	France		1		N. Y.
<i>Brassica oleracea capitata</i> (cabbage)	France, Ireland	1	1		Mass., N. Y.
<i>Evergestis rimosalis</i> (Gn.) (Pyraustidae): <i>Brassica oleracea capitata</i> (cabbage)	Mexico		1		Tex.
<i>Exptochiomera albomaculata</i> (Dist.) (Lygaeidae): <i>Philodendron</i> sp.	do			1	Tex.
<i>Exptochiomera formosa</i> (Dist.) (Lygaeidae): <i>Tillandsia</i> sp.	do			1	Tex.
<i>Faustinus cubae</i> (Boh.) (Curculionidae): <i>Capsicum frutescens</i> (pepper)	Cuba	1			N. Y.
<i>Ferrisia virgata</i> (Ckll.) (Coccidae): <i>Asplenium nidus</i> (birdsnest fern)	Palmyra Island			1	Hawaii.
<i>Catasetum viridiflavum</i> (orchid)	Canal Zone			1	Calif.*
<i>Cynoches chlorochilon</i> (orchid)	do			1	Calif.*
<i>Gardenia augusta</i> (gardenia)	Cuba	1			Fla.*
<i>Laelia autumnalis</i> (orchid)	Mexico			1	Calif.*
Orchid	do			2	Calif.*
<i>Peristeria elata</i> (orchid)	Canal Zone			1	Calif.*
<i>Philodendron</i> sp.	Mexico			1	Tex.
Plant—unidentified	Philippines			1	Calif.*
<i>Randia taitensis</i>	Tahiti	1			Hawaii.
Vine—unidentified	Philippines	1			Calif.*
<i>Fiorinia japonica</i> Kuw. (Coccidae): <i>Pinus</i> sp. (5-leaved pine)	Japan			1	Calif.*
<i>Frankliniella bispinosa</i> (Morg.) (Thripidae): Cut flowers—mixed	Bermuda	1			N. Y.
<i>Hibiscus</i> sp.	do	2			N. Y.
<i>Frankliniella formosae</i> Mlt. (Thripidae): <i>Chrysanthemum</i> sp.	Japan	1	2		Calif.,* Wash.
<i>Frankliniella fortissima</i> Pr. (Thripidae): <i>Gladiolus</i> sp.	Mexico	1			Calif.*

*Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—*  
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae):					
<i>Dianthus barbatus</i> (sweet-william).....	Germany.....	1			N. Y.
<i>Dianthus</i> sp. (carnation).....	do.....	3			N. Y.
<i>Lathyrus odoratus</i> (sweet pea).....	Sweden, unknown.....	1	1		N. Y.
<i>Lathyrus</i> sp.....	Unknown.....		1		N. Y.
<i>Linaria</i> spp.....	Ireland.....	1			N. Y.
<i>Lupinus</i> sp. (lupine).....	Unknown.....		1		N. Y.
<i>Rosa</i> sp. (rose).....	Germany.....	1			N. Y.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
<i>Helichrysum</i> sp.....	India.....		1		N. Y.
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....	1			D. C.
<i>Furcaspis biformis</i> Ckll. (Coccidae):					
<i>Brassavola nodosa</i> (orchid).....	Canal Zone.....			1	Calif.*
<i>Cattleya</i> sp. (orchid).....	Canal Zone, Hawaii, Venezuela.....			5	Calif.,* Fla., N. J.
<i>Epidendrum atropurpureum</i> (orchid).....	Canal Zone.....			1	Calif.*
<i>Epidendrum oncidoides</i> (orchid).....	do.....			1	Calif.*
<i>Epidendrum</i> sp.....	do.....			3	Calif.,* Fla.
<i>Laelia rubescens</i> (orchid).....	Costa Rica.....			1	Calif.*
<i>Oncidium confusum</i> (orchid).....	Canal Zone.....			1	Tex.
<i>Oncidium isthmii</i> .....	Panama.....			1	Tex.
<i>Oncidium panamense</i> .....	Canal Zone.....			1	Tex.
<i>Oncidium</i> sp.....	Canal Zone, Panama.....			2	Fla., Tex.
Orchid.....	Barbados, Canal Zone, Hawaii, Netherlands Guiana, Panama, Venezuela.....			12	Calif.,* Fla., P. R., Tex.
<i>Vanda</i> sp. (orchid).....	Hawaii.....			1	Calif.*
<i>Galgupha texana</i> McA. & Mall. (Pentatomidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Tillandsia</i> sp.....	do.....			1	Tex.
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather).....	Ireland, Scotland.....	4			Ill., N. Y.
<i>Gerstaeckeria mutillaria</i> (Gerst.) (Curculionidae):					
<i>Mammillaria</i> sp. (cactus).....	Mexico.....			1	Tex.
<i>Glycyphagus domesticus</i> (Deg.) (Glycyphagidae):					
<i>Punica granatum</i> (pomegranate).....	Italy.....	1			Mass.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens grossum</i> (bell pepper).....	Mexico.....	2			Ariz.
<i>Capsicum frutescens longum</i> (chili pepper).....	do.....	1			Calif.
<i>Gnorimoschema lavernella</i> (Chamb.) (Gelechiidae):					
<i>Physalis</i> sp.....	do.....			1	D. C.
<i>Gnorimoschema ocellatella</i> (Boyd) (Gelechiidae):					
<i>Beta vulgaris</i> (beet).....	Spain.....		1		Pa.
<i>Gortyna flavago</i> (Schiff.) (Phalaenidae):					
<i>Cynara scolymus</i> (artichoke).....	Algeria, France.....		2		N. Y.
<i>Gortyna ochracea</i> (Hbn.) (Phalaenidae):					
<i>Cynara scolymus</i> .....	France.....		1		Tex.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron palestrina</i> .....	Netherlands.....			1	N. J.
<i>Rhododendron</i> sp.....	England, France, Netherlands.....			6	N. J., N. Y.
<i>Grapholitha molesta</i> (Busck) (Olethreutidae):					
<i>Prunus persica</i> (peach).....	Korea.....	1			Minn.
<i>Gymnaetron beccabungae</i> var. <i>nigrum</i> Walt. (Curculionidae):					
<i>Syringa</i> sp. (lilac).....	Netherlands.....	1			N. Y.
<i>Gymnandrosoma aurantianum</i> DeCosta Lima (?) (Olethreutidae):					
<i>Citrus sinensis</i> (orange).....	Venezuela.....		1		La.
<i>Haplothrips gowdeyi</i> (Frankl) (Phlaeothripidae):					
<i>Antirrhinum majus</i> (snapdragon).....	Bermuda.....	1			Mass.
<i>Bryophyllum</i> sp.....	do.....			2	N. Y.
<i>Codiaeum</i> sp. (croton).....	Jamaica.....	1			N. Y.
<i>Helichrysum</i> sp.....	India.....		1		N. Y.
<i>Lilium longiflorum</i> (Easter lily).....	Bermuda.....	1			N. J.



*Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—*  
Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Haplothrips wouramboulchii</i> Mlt. (Phlaeothripidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa...	1	---	---	N. Y.
<i>Protea reflexa</i> .....	do.....	1	---	---	N. Y.
<i>Heilipus caecus</i> Champ. (Curculionidae):					
Orchid.....	Mexico.....	---	---	1	Tex.
<i>Hemimene juliana</i> (Curt.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut).....	Greece, Italy.....	3	---	---	Ill., Mass., N. Y.
<i>Quercus trojana</i> (Macedonian oak).....	Italy.....	---	---	1	D. C.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrychidae):					
Wood box.....	India.....	5	---	---	Calif.*
<i>Heterogaster urticae</i> (F.) (Lygaeidae):					
<i>Lactuca sativa</i> (lettuce).....	England.....	---	1	---	S. C.
<i>Hymenia perspectalis</i> (Rbn.) (Pyraustidae):					
Flowers—mixed.....	Mexico.....	1	---	---	Tex.
<i>Hypoborus ficus</i> Er. (Scolytidae):					
<i>Ficus carica</i> (fig).....	Italy.....	---	---	1	N. Y.
<i>Hypolithus riparius</i> (F.) (Elateridae):					
Grass sod.....	Scotland.....	1	---	---	Pa.
<i>Icerya aegyptiaca</i> Dougl. (Coccidae):					
Plant—unidentified.....	Straits Settlements.....	---	1	---	Tex.
<i>Iridomyrmex humilis</i> Mayr (Formicidae):					
<i>Ananas comosus</i> (pineapple).....	Azores.....	1	---	---	Mass.
Bulb—unidentified.....	do.....	---	---	1	Mass.
<i>Dianthus</i> sp. (carnation).....	Portugal.....	1	---	---	N. Y.
<i>Ficus carica</i> (fig).....	do.....	1	---	---	Mass.
Flowers—mixed.....	Azores, Madeira Islands.....	2	---	---	Mass., N. Y.
<i>Leucophyllum</i> sp.....	Union of South Africa.....	1	---	---	N. Y.
<i>Olea europaea</i> (olive).....	Italy.....	1	---	---	N. Y.
Orchid.....	Portugal.....	1	---	---	N. Y.
<i>Protea grandiceps</i> (great protea).....	Union of South Africa.....	1	---	---	Mass.
Proteaceae.....	do.....	1	---	---	Mass.
Soil with ferns.....	Azores.....	---	---	1	Mass.
Straw jacket.....	do.....	1	---	---	Mass.
<i>Vitis</i> sp. (grape).....	Chile, Union of South Africa.....	3	---	---	N. Y.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
<i>Miltonia roezli</i> (orchid).....	Guatemala.....	---	---	1	N. J.
<i>Odontoglossum grande</i> (orchid).....	do.....	---	---	1	N. J.
<i>Oncidium</i> sp. (orchid).....	do.....	---	---	2	N. J.
Orchid.....	do.....	---	---	2	Fla., Tex.
Packing.....	British West Indies.....	1	---	---	N. J.
<i>Isorhinus depressus</i> Champ. (Curculionidae):					
<i>Tillandsia</i> sp.....	Mexico.....	---	---	1	Tex.
<i>Isorhinus undatus</i> Champ. (Curculionidae):					
Orchid.....	do.....	---	---	1	Tex.
<i>Tillandsia</i> sp.....	do.....	---	---	1	Tex.
<i>Lampetia equestris</i> (F.) (Syrphidae):					
<i>Galanthus</i> (?) sp.....	New Zealand.....	---	---	1	Mich.
<i>Narcissus</i> sp.....	Italy, Netherlands.....	---	---	5	Calif.,* N. J., N. Y.
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia</i> sp.....	Hawaii.....	20	---	---	Calif.*
<i>Phaseolus vulgaris</i> var. (string bean).....	do.....	1	---	---	Calif.*
<i>Lardoglyphus zacheri</i> Oudms. (Lardoglyphidae):					
Sea shell.....	Mexico.....	1	---	---	Ariz.
<i>Lasioptera rubi</i> Heeger (?) (Itonididae):					
<i>Rubus loganobaccus</i> (loganberry).....	England.....	---	---	2	N. J.
<i>Laspeyresia leguminus</i> Hein. (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean).....	Peru.....	---	1	---	Tex.
<i>Laspeyresia nigricana</i> (Stph.) (Olethreutidae):					
<i>Pisum sativum</i> (pea).....	England, Italy.....	---	2	---	Pa., Tex.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut).....	Italy, Japan, Portugal, Yugoslavia.....	32	---	1	Calif.,* Mass., N. Y.

*Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—*  
Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Laspeyresia strobilella</i> (L.) (Olethreutidae):					
<i>Picea</i> sp. (spruce).....	Germany.....	2			N. Y., Wash.
<i>Lecanium coryli</i> (L.) (Coccidae):					
<i>Aeculus carnea</i> (red horsechestnut).....	Netherlands.....			1	N. J.
<i>Crataegus monogyna</i> (English hawthorn).....	England.....			1	N. J.
<i>Lema quinquenotata</i> Clark (Chrysomelidae):					
Bromeliad.....	Mexico.....			1	Tex.
<i>Leperisinus fraxini</i> (Panz.) (Scolytidae):					
<i>Fraxinus</i> sp. (ash).....	England.....	2			Mass.
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae):					
<i>Prunus</i> sp.....	Japan.....			1	Calif.*
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Italy.....			1	N. Y.
<i>Ficus</i> sp.....	Algeria, Italy, Lebanon, Syria.....			4	Calif.,* D. C., N. J.
<i>Lepidosaphes pallida</i> (Green) (Coccidae):					
<i>Cryptomeria japonica</i> (cryptomeria).....	Japan.....			1	Calif.*
<i>Juniperus</i> sp. (juniper).....	do.....			4	Calif.,* Wash.
<i>Picea</i> (?) sp.....	do.....			1	Calif.*
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
Cactus.....	Mexico.....			2	Tex.
<i>Cereus</i> sp. (cactus).....	do.....			1	Tex.
<i>Myrtillocactus</i> sp. (cactus).....	do.....			5	Tex.
<i>Pachycereus marginatus</i> (cactus).....	do.....			1	Tex.
<i>Pilocereus palmeri</i> (cactus).....	do.....			1	Tex.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Codiaeum variegatum</i> (croton).....	Hawaii.....	3		3	Calif.*
<i>Codiaeum</i> sp.....	Guam, Hawaii, Panama.....	1		2	Ala., Hawaii.
<i>Lepidosaphes tuberculata</i> Malen. (Coccidae):					
<i>Cymbidium</i> sp. (orchid).....	Australia, Philippines.....			11	Calif.,* Hawaii.
<i>Monanthes laxiflora</i> .....	Canary Islands.....			1	Calif.*
<i>Leptoglossus chilensis</i> Spinola (Coreidae):					
<i>Vitis</i> sp. (grape).....	Chile.....	2			N. Y.
<i>Leucaspis cockerelli</i> (de Charmoy) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Nicaragua, Salvador.....	3			Calif.*
<i>Citrus aurantium</i> (sour orange).....	Trinidad.....		1		Fla.*
<i>Citrus paradisi</i> (grapefruit).....	Canal Zone, Cuba, Dominica, Panama.....		5		Calif.*
<i>Citrus sinensis</i> (orange).....	Canal Zone, Jamaica, Panama.....	1	4		Calif.,* Fla.*
Orchid.....	Canal Zone, Costa Rica.....			2	Calif.*
<i>Leucaspis indica</i> Marl. (Coccidae):					
<i>Mangifera indica</i> (mango).....	Jamaica.....			1	Fla.
<i>Leucinodes orbonalis</i> Gn. (Pyraustidae):					
<i>Solanum melongena</i> (eggplant).....	Indonesia.....		1		Hawaii.
<i>Lichtensia viburni</i> Sign. (Coccidae):					
<i>Hedera colchica</i> (Colchis ivy).....	England.....			1	N. J.
<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Philodendron</i> sp.....	do.....			1	Tex.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	3			Tex.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Ariz.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	4			Ariz., Tex.
<i>Lorostege similalis</i> (Gn.) (Pyraustidae):					
<i>Celosia</i> sp. (cockscomb).....	do.....	1			Tex.
Flowers-mixed.....	do.....	1			Tex.
<i>Portulaca oleracea</i> (purslane).....	do.....	1			Tex.
<i>Lyctus spinifrons</i> (Lesne) (Lyctidae):					
Wooden case.....	India.....	3			Calif.*
<i>Malacosoma neustria</i> (L.) (?) (Lasiocampidae):					
<i>Prunus mume</i> (Japanese apricot).....	Japan.....			1	Hawaii.



*Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—*  
Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Mamestra brassicae</i> (L.) (Phalaenidae):					
<i>Apium graveolens</i> (celery).....	Denmark.....		1		La.
<i>Brassica napobrassica</i> (rutabaga).....	England.....		1		Pa.
<i>Brassica oleracea capitata</i> (cabbage).....	France, Ireland, Italy.....	1	3		Mass., N. Y.
<i>Petroselinum crispum</i> (parsley).....	France.....		1		Pa.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Canavalia</i> sp.....	Hawaii.....	10			Calif.,*
<i>Phaseolus vulgaris</i> var. (string bean).....	Hawaii, Japan, Nether- lands Guiana.....	1	4		Hawaii. Ala., Calif.,* Oreg., Wash.
<i>Phaseolus</i> sp.....	Hawaii.....		1		Calif.*
<i>Megalometis chiliensis</i> Boh. (Curculionidae):					
<i>Prunus domestica</i> (plum).....	Chile.....	1			N. Y.
<i>Prunus persica nectarina</i> (nectarine).....	do.....	1			N. Y.
<i>Melolontha melolontha</i> (L.) (Scarabaeidae):					
Unknown.....	Germany.....	1			N. Y.
<i>Metamasius habetatus</i> (Gyll.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Ecuador.....	1			Tex.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Ecuador, Guatemala, Panama.....	33			Calif.,* S. C., Tex.
<i>Micrelus ericae</i> Gyll. (Curculionidae):					
<i>Calluna vulgaris</i> (heather).....	Ireland.....	1			N. Y.
<i>Microcephalothrips abdominalis</i> (Crawf.) (Thripidae):					
<i>Aster</i> sp.....	Trinidad.....	1			N. Y.
<i>Helichrysum</i> sp.....	India.....		1		N. Y.
<i>Lonicera</i> sp. (honeysuckle).....	do.....		1		N. Y.
<i>Microvelia oaxacana</i> Drake (Veliidae):					
Bromeliad.....	Mexico.....			6	Tex.
<i>Mimosestes dominicanus</i> (Jek.) (Bruchidae):					
<i>Caesalpinia coriaria</i> (divi-divi).....	Venezuela.....	1			Fla.*
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae):					
Trec seed.....	Dominican Republic.....			1	P. R.
<i>Minthea obsita</i> Woll. (Lyctidae):					
<i>Khaya</i> sp.....	Liberia.....	1			La.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae):					
Wooden box.....	India.....	1			Calif.*
<i>Monanthia monotropidia</i> Stal (Tingidae):					
<i>Tillandsia</i> sp.....	Mexico.....			1	Tex.
<i>Monomorium destructor</i> (Jerd.) (Formicidae):					
<i>Ananas comosus</i> (pineapple).....	Guam.....	1			Tex.
Fern.....	Yap Island.....			1	Hawaii.
Orchid.....	Jamaica.....			1	N. J.
<i>Rosa</i> sp.....	Canada.....			1	N. J.
<i>Zingiber officinale</i> (ginger).....	Jamaica.....	1			N. Y.
<i>Mormidea cubrosa</i> (Dallas) (Pentatomidae):					
Flowers.....	Mexico.....	1			Tex.
<i>Tillandsia</i> sp.....	do.....			1	Tex.
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
Orchid.....	do.....			3	Tex.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae):					
<i>Swietenia mahagoni</i> (mahogany).....	Honduras.....	1			La.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	4			Tex.
<i>Solanum melongena</i> (eggplant).....	Brazil.....		1		Md.
<i>Odonaspis saccharicaulis</i> (Zehnt.) (Coccidae):					
Grass.....	Philippines.....	1			Calif.*
<i>Opogona aurisquamosa</i> (Butl.) (Tineidae):					
<i>Ananas comosus</i> (pineapple).....	Hawaii.....	1			Calif.*
<i>Orthotylus ericetorum</i> (Fall.) (Miridae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			N. Y.
<i>Ozycarenum lactus</i> Kirby (Lygaeidae):					
<i>Gossypium</i> sp. (cottonseed).....	Pakistan.....			1	D. C.
<i>Oryctonia jucunda</i> (Fald.) (Scarabaeidae):					
Airplane.....	Japan.....		1		Hawaii.
<i>Pachygrontha oedancalodes</i> Stal (Lygaeidae):					
Orchid.....	Mexico.....			1	Tex.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—  
Continued

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<i>Pachyzancla bipunctalis</i> (F.) (Pyraustidae):					
<i>Centaurea cyanus</i> (bachelors-button).....	Mexico.....	1			Tex.
<i>Chrysanthemum</i> sp.....	do.....	1			Tex.
<i>Pagiocerus fiorii</i> (Eggers) (Scolytidae):					
<i>Zea mays</i> (corn).....	Peru.....			1	N. Y.
<i>Palaeopus costicollis</i> Mshll. (Curculionidae):					
<i>Dioscorea</i> sp. (yam).....	Jamaica.....	2			Fla.*
<i>Zingiber officinale</i> (ginger).....	do.....	1			N. Y.
<i>Paraleyrodes goyabae</i> (Goeldi) (?) (Aleyrodidae):					
<i>Psidium</i> sp., prob. <i>guajava</i> .....	Mexico.....			1	Ariz.
<i>Parallelodiplosis cattleyae</i> (Molliard) (?) (Itonididae):					
Orchid.....	Costa Rica.....			1	Fla.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia</i> sp.....	Japan.....			7	Calif.,* Wash.
<i>Parlatoria chinensis</i> (Marl.) (Coccidae):					
<i>Pyrus</i> sp.....	do.....			1	Calif.*
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Mexico.....		2		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Bolivia, Brazil, Uruguay.....	2	2		Calif.,* Fla.*
<i>Citrus paradisi</i> (pomelo).....	Formosa.....	1			Minn.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil, Mexico, Trinidad.....	1	4		Calif.,* Fla.*
<i>Parlatoria morrisoni</i> McKenzie (Coccidae):					
<i>Mangifera indica</i> (mango).....	India.....			1	D. C.
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Malus sylvestris</i> (apple).....	Greece, Israel, Italy.....	3			N. Y.
<i>Olea europaea</i> (olive).....	Portugal.....	1			Mass.
<i>Parlatoria pseudaspidiotus</i> Ldgr. (Coccidae):					
<i>Aerides quinquevulnera</i> (orchid).....	Philippines.....			1	Calif.*
<i>Cymbidium</i> sp. (orchid).....	do.....			1	Calif.*
<i>Dendrobium</i> sp. (orchid).....	Thailand.....			1	Calif.*
<i>Hoya macrophylla</i> .....	Indonesia.....			1	N. J.
Plant—unidentified.....	Canal Zone.....			1	Calif.*
<i>Vanda teres</i> (orchid).....	Ceylon.....			1	N. J.
<i>Vanda</i> sp.....	Canal Zone.....			1	D. C.
<i>Parlatoria pyri</i> Marlatt (Coccidae):					
<i>Acer</i> sp.....	Japan.....			1	Calif.*
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Philippines.....	1			Calif.*
<i>Citrus limon</i> (lemon).....	France, Italy.....		3		Calif.,* Fla.,* Pa.
<i>Citrus reticulata</i> (Mandarin orange).....	Algeria.....		1		Pa.
<i>Citrus sinensis</i> (orange).....	Algeria, Italy, Spain.....		4		Calif.,* Fla.,* Pa.
<i>Pealius hibisci</i> (Kot.) Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia).....	Hawaii.....	1			Calif.*
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cottonseed).....	Brazil, Hawaii, Mexico.....	56	10	1	Calif.,* P. R., Tex.
<i>Gossypium</i> sp. (seed cotton).....	Mexico.....	129	25		Tex.
<i>Gossypium</i> sp. (cotton; boll).....	Bahamas, Greece, Hawaii, Jamaica, Mexico.....	9	4		Calif.,* Fla.,* Hawaii, N. Y., Tex.
<i>Gossypium</i> sp. (cotton; bale).....	India.....	1			S. C.
<i>Gossypium</i> sp. (cotton; lint).....	Mexico.....	1			Tex.
<i>Hibiscus esculentus</i> (okra).....	Brazil, Trinidad.....	2			Fla.,* N. Y.
Railway car.....	Mexico.....		1		Tex.
Truck.....	do.....		1		Tex.
<i>Pentamerismus oregonensis</i> McGregor (Phytop- tipalpidae):					
<i>Juniperus</i> sp. (juniper).....	Japan.....			1	Wash.
<i>Perkinsiella vitiensis</i> Kirk. (Delphacidae):					
Airplane.....	Fiji Islands.....		1		Hawaii.



*Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—*  
Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Ananas comosus</i> (pineapple).....	Dominica, Gold Coast..	1		1	N. Y., P. R.
<i>Brassica rapa</i> (turnip).....	Cuba.....		1		Pa.
<i>Chrysanthemum</i> sp.....	Bermuda.....	1			N. Y.
Flowers—mixed.....	do.....	1			N. Y.
<i>Gossypium</i> sp. (cotton; boll).....	do.....	1			N. Y.
<i>Hibiscus</i> sp.....	do.....			1	N. Y.
<i>Lilium longiflorum</i> (Easter lily).....	do.....			1	Mass.
<i>Lilium</i> sp.....	do.....	2			N. Y.
Orchid.....	Brazil.....			1	N. J.
<i>Yucca</i> sp.....	Bermuda.....			1	N. Y.
<i>Phenacaspis fujicola</i> Kuw. (Coccidae):					
<i>Wisteria</i> sp.....	Japan.....			1	Calif.*
<i>Phenacaspis sandwicensis</i> Fullaway (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	1			Calif.*
<i>Gardenia</i> sp.....	do.....			1	Calif.*
<i>Strelitzia reginae</i> (bird-of-paradise-flower).....	do.....	1			Calif.*
<i>Strelitzia</i> sp.....	do.....	1			Calif.*
<i>Philia febrilis</i> (L.) (Bibionidae):					
<i>Zinnia</i> sp.....	Germany.....	1			N. Y.
<i>Phloeotribus scarabaeoides</i> (Bern.) (Scolytidae):					
<i>Olea europaea</i> (olive).....	Italy.....	1			N. Y.
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape).....	Union of South Africa....	1			Mass.
<i>Phytomyza rufipes</i> (Mg.) (Agromyzidae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	Sweden.....		1		Mass.
<i>Phytoptus avellanae</i> Nal. (Eriophyidae):					
<i>Corylus maxima purpurea</i> .....	Netherlands.....			1	N. J.
<i>Pieris brassicae</i> (L.) (Pieridae):					
<i>Brassica oleracea capitata</i> (cabbage).....	Denmark, France.....		2		N. Y., Va.
<i>Pieris brassicae</i> (L.) (?) (Pieridae):					
<i>Brassica oleracea capitata</i> (cabbage).....	Ireland.....	1			Mass.
<i>Pinnaspis buxi</i> (Bouche) (Coccidae):					
Araceae.....	Canal Zone.....			1	Fla.
<i>Cordyline terminalis</i> (dracena).....	do.....			1	N. J.
Leaf—unidentified.....	Costa Rica.....			2	Tex.
<i>Monstera</i> sp.....	Cuba.....			1	D. C.
<i>Scindapsus aureus</i> (Solomon Islands ivy-arum).....	Hawaii.....			1	Calif.*
<i>Strelitzia</i> sp.....	do.....	1			Calif.*
<i>Pinnaspis scrobicularum</i> (Green) (Coccidae):					
<i>Aerides quinquevulnera</i> (orchid).....	Philippines.....			1	Calif.*
<i>Vanda luzonica</i> (orchid).....	do.....			1	Calif.*
<i>Vanda sanderiana</i> .....	do.....			1	Calif.*
<i>Pinnaspis uniloba</i> (Kuw.) (Coccidae):					
<i>Camellia</i> sp.....	Japan.....		1		Calif.*
<i>Pityogenes chalcographus</i> (L.) (Scolytidae):					
Bark on crate.....	Sweden.....	1			Tex.
<i>Picea</i> sp. (spruce).....	do.....	2			Mass., N. Y.
<i>Pinus</i> sp.....	do.....	1			N. Y.
<i>Pityophthorus sambuci</i> Blkm. (Scolytidae):					
Bark on crate.....	Mexico.....	1			Calif.
<i>Plagioderia thymaloides</i> Stal (Chrysomelidae):					
Orchid.....	do.....			1	Tex.
<i>Tillandsia</i> sp.....	do.....			1	Tex.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple).....	Cuba.....	1			N. Y.
<i>Capsicum frutescens</i> (pepper).....	do.....	2			N. Y.
<i>Capsicum frutescens grossum</i> (bell pepper).....	Trinidad.....		1		Ala.
<i>Lippia</i> sp.....	Costa Rica.....	1			P. R.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	6			Tex.
<i>Sechium edule</i> (chayote).....	do.....	1			Tex.
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae):					
<i>Pinus</i> sp. (2-leaved pine).....	Japan.....			1	Calif.*
<i>Pinus</i> sp.....	do.....		1		Pa.
<i>Polychrosis botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape).....	Italy.....	3			Mass., N. Y.
<i>Prays oleellus</i> (F.) (Hyponomeutidae):					
<i>Olea europaea</i> (olive).....	do.....	1			N. Y.



Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—  
Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Prodenia litura</i> (F.) (Phalaenidae):					
Airplane.....	Wake Island.....		1		Hawaii.
<i>Gladiolus</i> sp.....	Israel.....	3			N. Y.
<i>Prodenia ornithogalli</i> Gn. (Phalaenidae):					
<i>Dianthus</i> sp. (carnation).....	Bermuda.....	1			N. Y.
<i>Prostephanus truncatus</i> (Horn) (Bostrichidae):					
<i>Cephalocereus senilis</i> (cactus).....	Mexico.....			1	Tex.
<i>Protaetia orientalis</i> (Gory & Perch.) (Scarabaeidae):					
Airplane.....	Japan.....		1		Hawaii.
<i>Protopulvinaria longivalvata</i> (Green) (Coccidae):					
<i>Gardenia augusta</i> (gardenia).....	Costa Rica, Panama (?), Trinidad.....	1	1		Calif.,* Fla., Tex.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae):					
<i>Gardenia augusta</i> (gardenia).....	Costa Rica, Panama.....	1		1	Fla., La.
<i>Ixora</i> sp.....	Barbados.....	1			P. R.
<i>Pseudaonidia curculiginis</i> (Green) (Coccidae):					
<i>Cymbidium finlaysonianum</i> (orchid).....	Philippines.....			1	Calif.*
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citris aurantifolia</i> (lime).....	Colombia.....	1			Fla.*
Ground creeper—unidentified.....	Trinidad.....			1	P. R.
<i>Pseudischinaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya</i> sp. (orchid).....	Salvador.....			1	Fla.
<i>Laelia</i> sp. (orchid).....	Mexico.....			1	Tex.
Orchid.....	Panama.....	1			Fla.*
<i>Pseudischinaspis longissima</i> (Ckll.) (Coccidae):					
<i>Mangifera indica</i> (mango).....	Nicaragua, Panama.....	2			Calif.*
<i>Pseudococcus filamentosus</i> (Ckll.) (Coccidae):					
<i>Mangifera indica</i> (mango).....	Colombia.....		1		Pa.
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae):					
<i>Lansium domesticum</i> (langsat).....	Philippines.....	1			Hawaii.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	2			Calif.*
<i>Pseudococcus pandanicola</i> Tak. (Coccidae):					
<i>Pandanus</i> sp.....	Arno Atoll Island.....			1	Hawaii.
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
<i>Pinus</i> sp. (2-leaved pine).....	Japan.....	1			Wash.
<i>Pinus</i> sp. (5-leaved pine).....	do.....			1	Calif.*
<i>Pseudococcus trichiliae</i> Brain (Coccidae):					
<i>Leucadendron argenteum</i> .....	Union of South Africa.....	1			Mass.
<i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae):					
<i>Cercidium</i> sp. (paloverde).....	Mexico.....			1	Ariz.
<i>Pseudothrips glaucus</i> Bagn. (?) (Thripidae):					
<i>Berzelia intermedia</i> .....	Union of South Africa.....	1			N. Y.
<i>Protea reflexa</i> .....	do.....	1			N. Y.
<i>Psylliodes chrysocephala</i> L. (Chrysomelidae):					
<i>Raphanus sativus</i> (radish).....	Italy.....		1		Pa.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Alpinia purpurata</i> .....	Hawaii.....	1			Calif.*
<i>Bryophyllum</i> spp.....	do.....	1			Hawaii.
Plant—unidentified.....	Bermuda.....			1	Mass.
<i>Rhododendron</i> sp.....	do.....	1			N. Y.
<i>Puto ulter</i> Ferris (Coccidae):					
<i>Odontoglossum grande</i> (orchid).....	Guatemala.....			1	N. J.
<i>Odontoglossum</i> sp.....	do.....			1	Wash.
Ochid.....	do.....			3	Fla.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper).....	Italy, Trieste, unknown.....	1	3		N. Y., Pa., Tex.
<i>Capsicum frutescens grossum</i> (bell pepper).....	Egypt.....		1		Pa.
<i>Chrysanthemum</i> sp.....	Japan.....		1		Wash.
<i>Phaseolus vulgaris</i> var. (string bean).....	do.....		2		Wash.
<i>Solanum melongena</i> (eggplant).....	Formosa.....		1		Wash.
<i>Sorghum vulgare technicum</i> (broomcorn).....	Italy.....	8			Md., Mass., N. Y., Tex.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry).....	Azores, France, Italy, Portugal, Switzer- land, unknown.....	5	8		Mass., N. Y.



Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—  
Continued

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<i>Rhagoletis completa</i> Cress. (Tephritidae): <i>Juglans</i> sp. (walnut).....	Mexico.....	3	—	—	Tex.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae): <i>Malus sylvestris</i> (apple).....	Mexico, unknown.....	36	—	—	Ariz., Fla.,* Tex.
<i>Pyrus communis</i> (pear).....	Mexico.....	1	—	—	Tex.
<i>Rhagoletis pomonella</i> (Walsh) (?) (Tephritidae): <i>Malus sylvestris</i> (apple).....	Sweden.....	—	1	—	N. Y.
<i>Rhagoletis striatella</i> Wulp (Tephritidae): <i>Physalis</i> sp. (husk tomato).....	Mexico.....	1	—	—	Tex.
<i>Ribua innoxia</i> Hein. (Phycitidae): <i>Ananas comosus</i> (pineapple).....	Cuba.....	2	—	—	N. Y.
<i>Scepticus insularis</i> Roelofs (Curculionidae): Packing around plants.....	Japan.....	—	—	1	Wash.
<i>Scotinophara lurida</i> (Burm.) (Pentatomidae): <i>Oryza sativa</i> (rice).....	do.....	1	—	—	Hawaii.
<i>Scyphophorus acupunctatus</i> Gyll. (Curculionidae): Ixtle.....	Mexico.....	1	—	—	Tex.
<i>Sesamia cretica</i> Led. (Phalaenidae): <i>Sorghum vulgare technicum</i> (broomcorn).....	Greece, Italy, Morocco..	19	—	—	Md., Mass., N. Y., Tex., Va. N. Y.
<i>Zea mays</i> (corn).....	Italy.....	1	—	—	N. Y.
<i>Sesamia nonagrioides</i> Lef. (Phalaenidae): <i>Sorghum vulgare technicum</i> (broomcorn).....	Morocco.....	1	—	—	Md.
<i>Sinoxylon anale</i> Lesne (Bostrichidae): <i>Khaya</i> sp.....	Philippines.....	1	—	—	Tex.
Wood.....	India.....	3	—	—	N. Y.
<i>Sinoxylon conigerum</i> Gerst. (Bostrichidae): Wood.....	do.....	11	—	—	Calif.,* N. Y., Tex.
<i>Sinoxylon crassum</i> Lesne (Bostrichidae): Wood.....	do.....	4	—	—	Calif.*
<i>Sinoxylon sexdentatum</i> Oliv. (Bostrichidae): Cork-bale slat.....	Algeria.....	1	—	—	Pa.
<i>Sirex noctilio</i> F. (Siricidae): Woolen goods.....	Switzerland.....	1	—	—	N. Y.
<i>Sisamnes contractus</i> Dist. (Lygaeidae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	6	—	—	Tex.
<i>Sitona lineata</i> (L.) (Curculionidae): <i>Beta vulgaris</i> (beet).....	England.....	—	1	—	Pa.
<i>Chrysanthemum</i> sp.....	Denmark, Portugal.....	2	—	—	N. Y.
<i>Syringa</i> sp. (lilac).....	Netherlands.....	1	—	—	N. Y.
<i>Sirex noctilio</i> F. (Siricidae): Cactus.....	Mexico.....	—	—	2	Tex.
<i>Mammillaria compressa cristata</i> (cactus).....	do.....	—	—	1	Tex.
<i>Mammillaria</i> sp.....	do.....	—	—	1	Tex.
<i>Spondylis buprestoides</i> L. (Cerambycidae): Baggage.....	Japan.....	1	—	—	Hawaii.
<i>Stenoma anonella</i> Sepp. (Stenomidae): <i>Annona muricata</i> (soursop).....	Salvador.....	1	—	—	La.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae): <i>Persea americana</i> (avocado).....	British Honduras, Co- lombia, Ecuador, Guatemala, Hon- duras, Mexico, Nica- ragua, Panama, Peru.	21	5	—	Calif.,* Fla.,* La., N. Y., Tex.
<i>Stephanitis pyrioides</i> Scott (Tingidae): <i>Rhododendron</i> sp.....	Japan.....	—	—	1	Calif.*
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae): <i>Coffea</i> sp. (coffee).....	Brazil.....	1	—	—	La.
<i>Strophosoma capitatus</i> (Deg.) (Curculionidae): Forest litter with hydrangeas.....	Germany.....	—	1	—	Wash.
<i>Strophosoma melanogrammum</i> (Forst.) (Curcu- lionidae): Soil and woods moss with rosaceous plants.....	do.....	—	—	1	N. J.



Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—  
Continued

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<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			Ill.
<i>Dianthus barbatus</i> (sweet-william).....	Germany, unknown.....	1	1		N. Y.
<i>Dianthus</i> sp. (carnation).....	Czechoslovakia, France, Germany, Sweden.....	10			N. Y.
<i>Lathyrus odoratus</i> (sweet pea).....	Sweden.....	1			N. Y.
<i>Rosa</i> sp. (rose).....	Ireland.....	1			Mass.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	England, Ireland, Scot- land.....	7		1	Ill., N. Y., Pa.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
<i>Lilium longiflorum</i> (Easter lily).....	Bermuda.....	1			N. J.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Canavalia</i> sp.....	Hawaii.....	1			Calif.*
<i>Chrysanthemum</i> sp.....	Japan.....	1	1		Wash.
<i>Gardenia augusta</i> (gardenia).....	Hawaii.....	1			Calif.*
<i>Taeniothrips vulgatissimus</i> (Hal.) (Thripidae):					
<i>Dianthus</i> sp. (carnation).....	Germany.....	1			N. Y.
<i>Lathyrus odoratus</i> (sweet pea).....	Unknown.....		1		N. Y.
<i>Lathyrus</i> sp.....	do.....		1		N. Y.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya).....	Mexico.....	5			Tex.
<i>Annona muricata</i> (sour sop).....	Guatemala.....		2		La.
" <i>Targionia</i> " <i>bromiliae</i> (Leon) (Coccidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	19			Tex.
" <i>Targionia</i> " <i>cueroensis</i> (Ckll.) (Coccidae):					
<i>Prosopis juliflora</i> (mesquite).....	do.....	1			Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam).....	Barbados, Dominican Republic, Mexico, Philippines, Trini- dad.....	3	2		Calif.*, Fla.*, Mass., N. Y., P. R.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
Grass.....	Saipan.....	1			Oreg.
<i>Saccharum officinarum</i> (sugarcane).....	Cuba, Puerto Rico.....	2			Fla.*, N. Y.
<i>Teleonemia cylindricornis</i> Champ. (Tingidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
Orchid.....	do.....			7	Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
<i>Epidendrum</i> sp. (orchid).....	Guatemala.....			1	N. J.
Orchid.....	Guatemala, Mexico.....			5	Fla., Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid.....	Mexico.....			5	Tex.
<i>Tenthecoris orchidearum</i> (Reuter) (Miridae):					
Orchid.....	Brazil.....			1	P. R.
<i>Tephritis arnicæ</i> (L.) (Tephritidae):					
Flowers—unidentified.....	Switzerland.....	1			N. Y.
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Mexico.....	1			Tex.
Leaf—unidentified.....	do.....			1	Ariz.
Legume leaf.....	Cuba.....	1			Fla.*
<i>Mangifera indica</i> (mango).....	Mexico.....	1			Ariz.
<i>Tetropium castaneum</i> (L.) (Cerambycidae):					
<i>Pinus</i> sp. (pine).....	Germany.....	1			La.
<i>Texananus spatulatus</i> (VanD.) (Cicadellidae):					
Airplane.....	Mexico.....		1		Tex.
<i>Toxotrypana curvicauda</i> Gerst. (Tephritidae):					
<i>Carica papaya</i> (papaya).....	do.....	1	1		Tex.
Truck bed.....	do.....		2		Tex.
<i>Trialeurodes abutilonea</i> (Hald.) (?) (Aleyrodidae):					
Leaf—unidentified.....	do.....	1			Tex.
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Italy.....		1		Tex.
<i>Trialeurodes varia</i> Q. & B. (Aleyrodidae):					
<i>Cucurbita</i> (?) sp.....	Mexico.....	1			Tex.
<i>Trichobaris championi</i> Barber (Curculionidae):					
<i>Physalis</i> sp. (husk tomato).....	do.....	1			Tex.



*Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—*  
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Trionymus sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Cuba, Mexico.....	2	1	---	Ariz., Fla.,* Pa.
<i>Saccharum</i> sp.....	Hawaii.....	---	---	1	D. C.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit).....	Canal Zone.....	---	1	---	Calif.*
<i>Citrus sinensis</i> (orange).....	Brazil, Canal Zone, China, Mexico	---	3	---	Calif.,* Fla.*
<i>Citrus</i> sp.....	Haiti.....	2 1	---	---	Fla.*
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus limon</i> (lemon).....	Japan.....	---	3	---	Calif.*
<i>Citrus paradisi</i> (grapefruit).....	do.....	---	1	---	Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	do.....	---	27	---	Calif.,* Hawaii.
<i>Citrus reticulata unshiu</i> (satsuma orange).....	do.....	1	---	---	Wash.
<i>Citrus sinensis</i> (orange).....	do.....	1	21	---	Calif.,* Minn.
<i>Citrus</i> sp. (orange).....	Philippines.....	1	---	---	Hawaii.
<i>Valtissius diversus</i> (Dist.) (Lygaeidae):					
Orchid.....	Mexico.....	---	---	1	Tex.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
Araceae.....	Cuba.....	1	---	---	Fla.*
<i>Aspasia epidendroides</i> (orchid).....	Canal Zone.....	---	---	1	Calif.*
<i>Brassavola</i> sp. (orchid).....	Puerto Rico.....	---	---	1	Fla.
<i>Cattleya</i> sp. (orchid).....	Venezuela.....	---	---	1	N. J.
<i>Cynoches</i> spp. (orchid).....	Canal Zone.....	---	---	1	Calif.*
<i>Epidendrum ciliare</i> (orchid).....	Panama.....	---	---	1	Tex.
<i>Epidendrum pachycarpum</i> .....	Canal Zone.....	---	---	1	N. J.
<i>Epidendrum</i> sp.....	do.....	---	---	1	Calif.*
<i>Genipa</i> sp. (genip).....	Puerto Rico.....	1	---	---	Fla.*
<i>Gongora</i> sp. (orchid).....	Canal Zone.....	---	---	1	Calif.*
<i>Laelia leudemannii</i> (orchid).....	do.....	---	---	1	Calif.*
<i>Oncidium citrinum</i> (orchid).....	Trinidad.....	---	---	1	N. J.
Orchid.....	Canal Zone, Costa Rica, Cuba, Haiti, Jamaica, Montserrat, Trinidad.	---	---	8	Fla., Mass.
<i>Xestolabus laesicollis</i> (Gyll.) (Curculionidae):					
Orchid.....	Mexico.....	---	---	1	Tex.
<i>Xyloerthodes nitidipennis</i> (Murray) (Bostrichidae):					
<i>Triplochiton scleroxylon</i> .....	Gold Coast.....	2	---	---	La.
<i>Xyloperthella crinitarsis</i> (Imh.) (Bostrichidae):					
<i>Khaya</i> sp.....	Gold Coast, Liberia.....	2	---	---	La., Va.
<i>Xylotrupes gideon</i> (L.) (Scarabaeidae):					
Airplane.....	Philippines.....	---	1	---	Hawaii.



*Hosts and Insects*

- ACACIA:**  
*Acanthoscelides spinipes* (Coleoptera)
- ACER:**  
*Parlatoria pyri* (Homoptera)
- ACHRAS:**  
*Anastrepha serpentina* (Diptera)  
*Aspidiotus destructor* (Homoptera)
- AERIDES:**  
*Parlatoria pseudaspidiotus* (Homoptera)  
*Pinnaspis scrobicularum* (Homoptera)
- AESCULUS:**  
*Lecanium coryli* (Homoptera)
- AGAVE:**  
*Chrysomphalus agavis* (Homoptera)
- ALLIUM SATIVUM:**  
*Brachycerus albidentatus* (Coleoptera)  
*Brachycerus algirus* (Coleoptera)  
*Dyspessa ulula* (Lepidoptera)
- ALPINIA:**  
*Pulvinaria psidii* (Homoptera)
- ANANAS:**  
*Agallia lingula* (Hemiptera)  
*Cyclocephala cubana* (Coleoptera)  
*Iridomyrmex humilis* (Hymenoptera)  
*Monomorium destructor* (Hymenoptera)  
*Opogona aurisquamosa* (Lepidoptera)  
*Pheidole megacephala* (Hymenoptera)  
*Platynota rostrana* (Lepidoptera)  
*Ribua innoxia* (Lepidoptera)  
*Sisamnes contractus* (Hemiptera)  
*"Targionia" bromiliae* (Homoptera)
- ANNONA:**  
*Ceratitis capitata* (Diptera)  
*Stenomoma anonella* (Lepidoptera)  
*Talponia batesi* (Lepidoptera)
- ANTHURIUM:**  
*Ceroplastes rubens* (Homoptera)
- ANTIRRHINUM:**  
*Haplothrips gowdeyi* (Thysanoptera)
- APIUM:**  
*Mamestra brassicae* (Lepidoptera)
- RACEAE:**  
*Aspidiotus destructor* (Homoptera)  
*Aspidiotus palmae* (Homoptera)  
*Pinnaspis buxi* (Homoptera)  
*Vinsonia stellifera* (Homoptera)
- ARRACACIA:**  
*Anuraphis tulipae* (Homoptera)
- ASPASIA:**  
*Vinsonia stellifera* (Homoptera)
- ASPLENIUM:**  
*Ferrisia virgata* (Homoptera)
- ASTER:**  
*Microcephalothrips abdominalis* (Thysanoptera)
- BAMBOO:**  
*Asterolecanium bambusae* (Homoptera)  
*Dinoderus brevis* (Coleoptera)
- BAUHINIA:**  
*Caryedon fuscus* (Coleoptera)
- BERZELIA:**  
*Pseudothrips glaucus* (?) (Thysanoptera)
- BETA:**  
*Gnorimoschema ocellatella* (Lepidoptera)  
*Sitona lineata* (Coleoptera)
- BRASSAVOLA:**  
*Furcaspis bififormis* (Homoptera)  
*Vinsonia stellifera* (Homoptera)
- BRASSIA:**  
*Conchaspis angraeci* (Homoptera)
- BRASSICA NAPOBRASSICAE:**  
*Mamestra brassicae* (Lepidoptera)
- BRASSICA OLERACEA BOTRYTIS:**  
*Evergestis forficalis* (Lepidoptera)  
*Phytomyza rufipes* (Diptera)
- BRASSICA OLERACEA CAPITATA:**  
*Agrotis ypsilon* (Lepidoptera)  
*Deroceras reticulatum* (Mollusca)  
*Evergestis forficalis* (Lepidoptera)  
*Evergestis rimosalis* (Lepidoptera)  
*Mamestra brassicae* (Lepidoptera)  
*Pieris brassicae* (Lepidoptera)
- BRASSICA RAPA:**  
*Pheidole megacephala* (Hymenoptera)
- BROMELIAD:**  
*Lema quinquenotata* (Coleoptera)  
*Microvelia oazacana* (Hemiptera)
- BROUGHTONIA:**  
*Asterolecanium epidendri* (Homoptera)
- BRYOPHYLLUM:**  
*Haplothrips gowdeyi* (Thysanoptera)  
*Pulvinaria psidii* (Homoptera)
- BUXUS:**  
*Eriophyes canestrinii* (Arachnida)
- CACTUS:**  
*Ceratitis capitata* (Diptera)  
*Cryphula apicatus* (Hemiptera)  
*Dysdercus mimulus* (Hemiptera)  
*Lepidosaphes philococcus* (Homoptera)  
*Sireonotus luteiceps* (Hemiptera)
- CAESALPINIA:**  
*Mimosestes dominicanus* (Coleoptera)
- CALLUNA:**  
*Aphis callunae* (Homoptera)  
*Gelechia ericetella* (Lepidoptera)  
*Micrelus ericae* (Coleoptera)  
*Orthotylus ericetorum* (Hemiptera)  
*Taeniothrips atratus* (Thysanoptera)  
*Taeniothrips ericae* (Thysanoptera)
- CALOCARPUM:**  
*Anastrepha serpentina* (Diptera)
- CAMELLIA:**  
*Parlatoria camelliae* (Homoptera)  
*Pinnaspis uniloba* (Homoptera)
- CANAVALIA:**  
*Lampides boeticus* (Lepidoptera)  
*Maruca testulalis* (Lepidoptera)  
*Taeniothrips hawaiiensis* (Thysanoptera)
- CAPSICUM:**  
*Amorbia emigratella* (Lepidoptera)  
*Arvelius albopunctatus* (Hemiptera)  
*Dacus cucurbitae* (Diptera)  
*Dacus dorsalis* (?) (Diptera)  
*Faustinus cubae* (Coleoptera)  
*Gnorimoschema gudmannella* (Lepidoptera)  
*Platynota rostrana* (Lepidoptera)  
*Pyrausta nubilalis* (Lepidoptera)
- CARALLUMA:**  
*Asterolecanium stentae* (Homoptera)
- CARICA:**  
*Cryptoblabes gnidiella* (Lepidoptera)  
*Toxotrypana curvicauda* (Diptera)
- CASSIA:**  
*Aganactesis indecora* (Lepidoptera)
- CASTANEA:**  
*Aspidiotus cryptoxanthus* (Homoptera)  
*Cryptoblabes gnidiella* (Lepidoptera)  
*Curculio elephas* (Coleoptera)  
*Hemimene juliana* (Lepidoptera)  
*Laspeyresia splendana* (Lepidoptera)
- CATASETUM:**  
*Ferrisia virgata* (Homoptera)
- CATTLEA:**  
*Asterolecanium epidendri* (Homoptera)  
*Eurytoma orchidearum* (Hymenoptera)  
*Furcaspis bififormis* (Homoptera)  
*Pseudischnaspis alienus* (Homoptera)  
*Vinsonia stellifera* (Homoptera)
- CELOSIA:**  
*Loxostege similalis* (Lepidoptera)
- CENTAUREA:**  
*Pachyzancla bipunctalis* (Lepidoptera)
- CEPHALOCEREUS:**  
*Prostephanus truncatus* (Coleoptera)
- CERCIDIUM:**  
*Pseudodiaspis yuccae* (Homoptera)
- CEREUS:**  
*Lepidosaphes philococcus* (Homoptera)
- CHRYSANTHEMUM:**  
*Cyrtopeltis varians* (Hemiptera)  
*Frankliniella formosae* (Thysanoptera)  
*Pachyzancla bipunctalis* (Lepidoptera)  
*Pheidole megacephala* (Hymenoptera)  
*Pyrausta nubilalis* (Lepidoptera)  
*Sitona lineata* (Coleoptera)  
*Taeniothrips hawaiiensis* (Thysanoptera)
- CHRYSOPHYLLUM:**  
*Aspidiotus herculeanus* (Homoptera)  
*Coccus viridis* (Homoptera)
- CITRUS AURANTIFOLIA:**  
*Aleurocanthus woglumi* (Homoptera)  
*Aleurothrixus floccosus* (Homoptera)  
*Anastrepha ludens* (Diptera)



*Hosts and Insects—Continued***CITRUS AURANTIFOLIA—Continued**

*Chrysomphalus personatus* (Homoptera)  
*Leucaspis cockerelli* (Homoptera)  
*Parlatoria cinerea* (Homoptera)  
*Parlatoria zizyphus* (Homoptera)  
*Pseudaonidia trilobitiformis* (Homoptera)

**CITRUS AURANTIUM:**

*Anastrepha ludens* (Diptera)  
*Leucaspis cockerelli* (Homoptera)

**CITRUS GRANDIS:**

*Aonidiella comperei* (?) (Homoptera)

**CITRUS LIMON:**

*Aleurocanthus woglumi* (Homoptera)  
*Ceratitis capitata* (Diptera)  
*Cryptoblabes gnidiella* (Lepidoptera)  
*Parlatoria zizyphus* (Homoptera)  
*Unaspis yanonensis* (Homoptera)

**CITRUS LIMON VAR. PONDEROSA:**

*Anastrepha ludens* (Diptera)

**CITRUS PARADISI:**

*Anastrepha ludens* (Diptera)  
*Argyroploce leucotreta* (Lepidoptera)  
*Ceratitis capitata* (Diptera)  
*Chrysomphalus personatus* (Homoptera)  
*Leucaspis cockerelli* (Homoptera)  
*Parlatoria cinerea* (Homoptera)  
*Unaspis citri* (Homoptera)  
*Unaspis yanonensis* (Homoptera)

**CITRUS RETICULATA:**

*Aleurocanthus woglumi* (Homoptera)  
*Anastrepha ludens* (Diptera)  
*Ceratitis capitata* (Diptera)  
*Dialeurodes citri* (Homoptera)  
*Parlatoria zizyphus* (Homoptera)  
*Unaspis yanonensis* (Homoptera)

**CITRUS SINENSIS:**

*Aleurocanthus woglumi* (Homoptera)  
*Anastrepha ludens* (Diptera)  
*Aonidiella citrina* (Homoptera)  
*Argyroploce leucotreta* (Lepidoptera)  
*Ceratitis capitata* (Diptera)  
*Chrysomphalus albopictus* (Homoptera)  
*Gymnandrosoma aurantianum* (?) (Lepidoptera)  
*Leucaspis cockerelli* (Homoptera)  
*Parlatoria cinerea* (Homoptera)  
*Parlatoria zizyphus* (Homoptera)  
*Unaspis citri* (Homoptera)  
*Unaspis yanonensis* (Homoptera)

**CITRUS SP. (orange):**

*Unaspis yanonensis* (Homoptera)

**CITRUS SP.:**

*Aleurocanthus woglumi* (Homoptera)  
*Dialeurodes citri* (Homoptera)  
*Dialeurodes citrifolii* (Homoptera)  
*Unaspis citri* (Homoptera)

**COCCOLOBLA:**

*Cryptoblabes gnidiella* (Lepidoptera)  
*Pheidole megacephala* (Hymenoptera)

**COCOS:**

*Aonidiella inornata* (Homoptera)  
*Aspidiotus destructor* (Homoptera)  
*Aspidiotus palmarum* (Homoptera)  
*Ereunetis flavistriata* (Lepidoptera)  
*Phenacaspis sandwicensis* (Homoptera)  
*Pseudococcus palmarum* (Homoptera)

**CODIAEUM:**

*Haplothrips gowdeyi* (Thysanoptera)  
*Lepidosaphes tokionis* (Homoptera)

**COFFEA:**

*Aleurocanthus woglumi* (Homoptera)  
*Ceratitis capitata* (Diptera)  
*Coccus viridis* (Homoptera)  
*Stephanoderes hampei* (Coleoptera)

**CORDYLINE:**

*Pinnaspis buxi* (Homoptera)

**CORTADERIA:**

*Deroceras reticulatum* (Mollusca)

**CORYLUS:**

*Phytoptus avellanae* (Arachnida)

**COSTUS:**

*Chrysomphalus scutiformis* (Homoptera)

**CRATAEGUS:**

*Lecanium coryli* (Homoptera)

**CROCUS:**

*Anuraphis tulipae* (Homoptera)

**CRYPTOMERIA:**

*Lepidosaphes pallida* (Homoptera)

**CUCUMIS:**

*Dacus cucurbitae* (Diptera)

**CUCURBITA:**

*Trialeurodes varia* (Homoptera)

**CYCAS:**

*Coccus acutissimus* (Homoptera)

**CYCNOCHES:**

*Eucactophagus aurocinctus* (Coleoptera)  
*Ferrisia virgata* (Homoptera)  
*Vinsonia stellifera* (Homoptera)

**CYDONIA:**

*Ceratitis capitata* (Diptera)

**CYMBIDIUM:**

*Lepidosaphes tuberculata* (Homoptera)  
*Parlatoria pseudaspidotus* (Homoptera)  
*Pseudaonidia curculiginis* (Homoptera)

**CYMBOPOGON:**

*Aulacaspis tegalensis* (Homoptera)

**CYNARA:**

*Gortyna flavago* (Lepidoptera)  
*Gortyna ochracea* (Lepidoptera)

**CYPRIPEDIUM:**

*Coccus capparidis* (Homoptera)

**DENDROBIUM:**

*Parlatoria pseudaspidotus* (Homoptera)

**DIANTHUS:**

*Deroceras reticulatum* (Mollusca)  
*Frankliniella intonsa* (Thysanoptera)  
*Iridomyrmex humilis* (Hymenoptera)  
*Prodenia ornithogalli* (Lepidoptera)  
*Taeniothrips atratus* (Thysanoptera)  
*Taeniothrips vulgatissimus* (Thysanoptera)

**DIOSCOREA:**

*Palaeopus costicollis* (Coleoptera)  
*"Targionia" hartii* (Homoptera)

**DIOSPYROS:**

*Coccus viridis* (Homoptera)

**EPIDENDRUM:**

*Aspidiotus destructor* (Homoptera)  
*Furcaspis biformis* (Homoptera)  
*Tenthecoris bicolor* (Hemiptera)  
*Vinsonia stellifera* (Homoptera)

**EUGENIA:**

*Dacus dorsalis* (Diptera)

**EUPHORBIA:**

*Bemisia tabaci* (Homoptera)

**FEIJOA:**

*Ceroplastes sinensis* (Homoptera)

**FICUS:**

*Ceratitis capitata* (Diptera)  
*Ceroplastes rusci* (Homoptera)  
*Chrysomphalus rossi* (Homoptera)  
*Hypoborus ficus* (Coleoptera)  
*Iridomyrmex humilis* (Hymenoptera)  
*Lepidosaphes ficus* (Homoptera)

**FRAXINUS:**

*Leperisinus fraxini* (Coleoptera)

**GALANTHUS(?):**

*Lampetia equestris* (Diptera)

**GARDENIA:**

*Ceroplastes rubens* (Homoptera)  
*Coccus viridis* (Homoptera)  
*Dialeurodes citri* (Homoptera)  
*Ferrisia virgata* (Homoptera)  
*Pealius hibisci* (Homoptera)  
*Phenacaspis sandwicensis* (Homoptera)  
*Protopulvinaria longivalvata* (Homoptera)  
*Protopulvinaria pyriformis* (Homoptera)  
*Taeniothrips hawaiiensis* (Thysanoptera)

**GENIPA:**

*Vinsonia stellifera* (Homoptera)

**GLADIOLUS:**

*Amorbia emigratella* (Lepidoptera)  
*Carpocoris pudicus* (Hemiptera)  
*Frankliniella fortissima* (Thysanoptera)  
*Prodenia litura* (Lepidoptera)

**GONGORA:**

*Asterolecanium epidendri* (Homoptera)  
*Vinsonia stellifera* (Homoptera)

**GOSSYPIUM:**

*Earias insulana f. semifascia* (Lepidoptera)  
*Oxycarenus latus* (Hemiptera)  
*Pectinophora gossypiella* (Lepidoptera)  
*Pheidole megacephala* (Hymenoptera)



*Hosts and Insects—Continued*

## GRUSONIA:

*Dactylopius coccus* (Homoptera)

## HAWORTHIA:

*Aspidiotus destructor* (Homoptera)

## HEDERA:

*Lichtensia viburni* (Homoptera)

## HELICHRYSUM:

*Frankliniella schultzei* (Thysanoptera)*Haplothrips gowdeyi* (Thysanoptera)*Microcephalothrips abdominalis* (Thysanoptera)

## HEURNIA:

*Asterolecanium stentae* (Homoptera)

## HIBISCUS:

*Frankliniella bispinosa* (Thysanoptera)*Pectinophora gassypiella* (Lepidoptera)*Pheidole megacephala* (Hymenoptera)

## HOYA:

*Parlatoria pseudaspidiotus* (Homoptera)

## IMPATIENS:

*Aleuroglandulus emmae* (Homoptera)

## IPOMOEA:

*Alcidodes dentipes* (Coleoptera)*Cylas formicarius* (Coleoptera)*Cylas formicarius* var. (Coleoptera)*Cylas formicarius elegantulus* (Coleoptera)*Cylas puncticollis* (Coleoptera)*Euscepes postfasciatus* (Coleoptera)

## IRIS:

*Anuraphis tulipae* (Homoptera)

## IXORA:

*Coccus viridis* (Homoptera)*Protopulvinaria pyriformis* (Homoptera)

## IXTLE:

*Scyphophorus acupunctatus* (Coleoptera)

## JASMINUM:

*Aleurotuberculatus jasmini* (Homoptera)*Aonidiella inornata* (Homoptera)*Dialeurodes kirkaldyi* (Homoptera)

## JUGLANS:

*Rhagoletis completa* (Diptera)*Rhagoletis juglandis* (Diptera)

## JUNIPERUS:

*Lepidosaphes pallida* (Homoptera)*Pentamerismus oregonensis* (Arachnida)

## KHAYA:

*Amitermes unidentatus* (Isoptera)*Bostrychoplites cornutus* (Coleoptera)*Cordylomera spinicornis* (Coleoptera)*Minthea obsita* (Coleoptera)*Sinoxylon anale* (Coleoptera)*Xyloperthella crinitarsis* (Coleoptera)

## LACTUCA:

*Acalymma trivittata* (Coleoptera)*Deroceras reticulatum* (Mollusca)*Heterogaster urticae* (Hemiptera)

## LAELIA:

*Ferrisia virgata* (Homoptera)*Furcaspis biformis* (Homoptera)*Pseudischnaspis alienus* (Homoptera)*Vinsonia stellifera* (Homoptera)

## LANSIUM:

*Pseudococcus lilacinus* (Homoptera)

## LATHYRUS:

*Bruchus tristis* (Coleoptera)*Frankliniella intonsa* (Thysanoptera)*Taeniothrips atratus* (Thysanoptera)*Taeniothrips vulgarissimus* (Thysanoptera)

## LAURUS:

*Aspidiotus palmarum* (Homoptera)*Tetraneura acaciae* (Homoptera)*Tetraneura lauri* (Homoptera)

## LENS:

*Bruchus lentis* (Coleoptera)*Bruchus signaticornis* (Coleoptera)

## LEUCADENDRON:

*"Chionaspis" leucadendri* (Homoptera)*Pseudococcus trichiliae* (Homoptera)

## LEUCOPHYLLUM:

*Iridomyrmex humilis* (Hymenoptera)

## LEUCOSPERMUM:

*Chrysomphalus rossi* (Homoptera)

## LILIUM:

*Haplothrips gowdeyi* (Thysanoptera)*Pheidole megacephala* (Hymenoptera)*Taeniothrips gracilis* (Thysanoptera)

## LINARIA:

*Frankliniella intonsa* (Thysanoptera)

## LIPPIA:

*Platynota rostrana* (Lepidoptera)

## LONICERA:

*Microcephalothrips abdominalis* (Thysanoptera)

## LUPINUS:

*Frankliniella intonsa* (Thysanoptera)

## LYCOPELIS:

*Dacus cucurbitae* (Diptera)*Dacus dorsalis* (?) (Diptera)*Dysdercus obliquus* (Hemiptera)*Ligyrocorys abdominalis* (Hemiptera)*Ligyrocorys aurivilliana* (Hemiptera)*Ligyrocorys nitidicollis* (Hemiptera)*Lineodes integra* (Lepidoptera)*Neoleucinodes elegantalis* (Lepidoptera)*Platynota rostrana* (Lepidoptera)

## MALUS:

*Argyresthia conjugella* (Lepidoptera)*Bryobia praetiosa* (Arachnida)*Ceratitis capitata* (Diptera)*Parlatoria oleae* (Homoptera)*Rhagoletis pomonella* (Diptera)

## MAMMEA:

*Anastrepha serpentina* (Diptera)

## MAMMILLARIA:

*Gerstaeckeria mutillaria* (Coleoptera)*Stenonotus luteiceps* (Hemiptera)

## MANGIFERA:

*Anastrepha ludens* (Diptera)*Anastrepha mombinpraeoptans* (Diptera)*Asterolecanium pustulans* (Homoptera)*Aulacaspis tubercularis* (Homoptera)*Ceratitis capitata* (Diptera)*Cryptorhynchus mangiferae* (Coleoptera)*Dacus dorsalis* (Diptera)*Leucaspis indica* (Homoptera)*Parlatoria morrisoni* (Homoptera)*Pseudischnaspis longissima* (Homoptera)*Pseudococcus filamentosus* (Homoptera)*Tetraneura acaciae* (Homoptera)

## MILTONIA:

*Iridomyrmex iniquus* (Hymenoptera)

## MONANTHES:

*Lepidosaphes tuberculata* (Homoptera)

## MONSTERA:

*Pinnaspis buxi* (Homoptera)

## MUSA PARADISIACA SAPIENTUM:

*Aspidiotus destructor* (Homoptera)*Aspidiotus palmarum* (Homoptera)*Cosmopolites sordidus* (Coleoptera)*Dacus dorsalis* (Diptera)*Metamasius habetatus* (Coleoptera)*Metamasius sericeus* (Coleoptera)

## MYRTILLOCACTUS:

*Lepidosaphes philococcus* (Homoptera)

## NARCISSUS:

*Lampetia equestris* (Diptera)

## NERIUM:

*Asterolecanium pustulans* (Homoptera)

## ODONTOGLOSSUM:

*Iridomyrmex iniquus* (Hymenoptera)*Puto ulter* (Homoptera)

## ODONTONIA:

*Brevipalpus australis* (Arachnida)

## OLEA:

*Dacus oleae* (Diptera)*Diaphania unionalis* (?) (Lepidoptera)*Iridomyrmex humilis* (Hymenoptera)*Parlatoria oleae* (Homoptera)*Phloeotribus scarabaeoides* (Coleoptera)*Prays oleellus* (Lepidoptera)

## ONCIDIUM:

*Chrysomphalus umboniferus* (Homoptera)*Furcaspis biformis* (Homoptera)*Iridomyrmex iniquus* (Hymenoptera)*Vinsonia stellifera* (Homoptera)

## OPUNTIA:

*Ceratitis capitata* (Diptera)

## ORCHID:

*Adoretus sinicus* (Coleoptera)*Aeolus vermiculatus* (Coleoptera)*Aspidiotus destructor* (Homoptera)*Asterolecanium epidendri* (Homoptera)



*Hosts and Insects—Continued*

## ORCHID—Continued

- Aufeius impressicollis* (Hemiptera)  
*Capaneus tetricus* (Hemiptera)  
*Chrysomphalus umboniferus* (Homoptera)  
*Crophius scabrosus* (Hemiptera)  
*Deloyala guttata* (Coleoptera)  
*Diorymerellus laevimargo* (Coleoptera)  
*Epilachna varivestis* (Coleoptera)  
*Eustrophius marginatus* (Coleoptera)  
*Ferrisia virgata* (Homoptera)  
*Furcaspis bifurmis* (Homoptera)  
*Galgupha texana* (Hemiptera)  
*Heilipus caecus* (Coleoptera)  
*Iridomyrmex humilis* (Hymenoptera)  
*Iridomyrmex iniquus* (Hymenoptera)  
*Isorhinus undatus* (Coleoptera)  
*Leucaspis cockerelli* (Homoptera)  
*Monomorium destructor* (Hymenoptera)  
*Myodocha longicollis* (Hemiptera)  
*Pachygrontha oedancalodes* (Hemiptera)  
*Parallelodiplosis cattleyae* (?) (Diptera)  
*Pheidole megacephala* (Hymenoptera)  
*Plagiodera thymaloidea* (Coleoptera)  
*Pseudischnaspis alienus* (Homoptera)  
*Puto ulter* (Homoptera)  
*Teleonemia cylindricornis* (Hemiptera)  
*Tenthecoris angustimarginatus* (Hemiptera)  
*Tenthecoris bicolor* (Hemiptera)  
*Tenthecoris confusus* (Hemiptera)  
*Tenthecoris orchidearum* (Hemiptera)  
*Valtissius diversus* (Hemiptera)  
*Vinsonia stellifera* (Homoptera)  
*Xestolabus laesicollis* (Coleoptera)

## ORNITHOGALUM:

- Frankliniella schultzei* (Thysanoptera)  
*Haplothrips wouramboulchii* (Thysanoptera)

## ORYZA:

- Chilo simplex* (Lepidoptera)  
*Scotinophara lurida* (Hemiptera)

## PACHYCEREUS:

- Lepidosaphes philococcus* (Homoptera)

## PANDANUS:

- Pseudococcus pandanicola* (Homoptera)

## PERISTERIA:

- Ferrisia virgata* (Homoptera)

## PERSEA:

- Anastrepha ludens* (?) (Diptera)  
*Aspidiotus destructor* (Homoptera)  
*Chrysomphalus personatus* (Homoptera)  
*Conotrachelus aguacatae* (Coleoptera)  
*Conotrachelus perseae* (Coleoptera)  
*Stenoma catenifer* (Lepidoptera)

## PETROSELINUM:

- Mamestra brassicae* (Lepidoptera)

## PHALAENOPSIS:

- Chrysomphalus tingi* (Homoptera)

## PHASEOLUS:

- Dacus cucurbitae* (Diptera)  
*Epinotia opposita* (Lepidoptera)  
*Lampides boeticus* (Lepidoptera)  
*Laspeyresia leguminis* (Lepidoptera)  
*Maruca testulalis* (Lepidoptera)  
*Pyrausta nubilalis* (Lepidoptera)

## PHILODENDRON:

- Capaneus tetricus* (Hemiptera)  
*Diabrotica lepida* (Coleoptera)  
*Exptochiomera albomaculata* (Hemiptera)  
*Ferrisia virgata* (Homoptera)  
*Ligyrocoris abdominalis* (Hemiptera)

## PHOENIX:

- Coccotrypes dactyliperda* (Coleoptera)

## PHYSALIS:

- Gnorimoschema lavernella* (Lepidoptera)  
*Rhagoletis striatella* (Diptera)  
*Trichobaris championi* (Coleoptera)

## PIARANTHUS:

- Asterolecanium stentae* (Homoptera)

## PICEA:

- Laspeyresia strobilella* (Lepidoptera)  
*Lepidosaphes pallida* (Homoptera)  
*Pityogenes chalcographus* (Coleoptera)

## PILOCEREUS:

- Lepidosaphes philococcus* (Homoptera)

## PINUS:

- Aspidiotus corticis-pini* (Homoptera)  
*Ceroplastes rubens* (Homoptera)  
*Eulachnus piniformosanus* (Homoptera)  
*Fiorinia japonica* (Homoptera)  
*Pityogenes chalcographus* (Coleoptera)  
*"Poliaspis" pini* (Homoptera)  
*Pseudococcus pini* (Homoptera)  
*Tetropium castaneum* (Coleoptera)

## PISTACIA:

- Chaetoptelius vestitus* (Coleoptera)

## PISUM:

- Bruchus tristis* (Coleoptera)  
*Laspeyresia nigricana* (Lepidoptera)

## PITHECELLOBIUM:

- Cryptophlebia illepida* (Lepidoptera)  
*Dacus dorsalis* (?) (Diptera)

## PLUMERIA:

- Asterolecanium pustulans* (Homoptera)  
*Coccus viridis* (Homoptera)

## PORTULACA:

- Loxostege similalis* (Lepidoptera)

## PROSOPIS:

- "Targionia" cueroensis* (Homoptera)

## PROTEA:

- Haplothrips wouramboulchii* (Thysanoptera)  
*Iridomyrmex humilis* (Hymenoptera)  
*Pseudothrips glaucus* (?) (Thysanoptera)

## PROTEACEAE:

- Iridomyrmex humilis* (Hymenoptera)

## PRUNUS ARMENIACA:

- Ceratitis capitata* (Diptera)

## PRUNUS DOMESTICA:

- Megalometis chiliensis* (Coleoptera)

## PRUNUS MUME:

- Malacosoma neustria* (?) (Lepidoptera)

## PRUNUS PERSICA:

- Ceratitis capitata* (Diptera)  
*Grapholitha molesta* (Lepidoptera)  
*Megalometis chiliensis* (Coleoptera)

## PRUNUS PERSICA NECTARINA:

- Aspidiotus latastei* (Homoptera)

## PRUNUS SP. (cherry):

- Rhagoletis cerasi* (Diptera)

## PRUNUS SP.:

- Lepidosaphes conchiformis* (Homoptera)

## PSIDIUM:

- Aleuroglandulus emmae* (Homoptera)  
*Anastrepha striata* (Diptera)  
*Anastrepha suspensa* (Diptera)  
*Ancylostomia stercorea* (Lepidoptera)  
*Ceratitis capitata* (Diptera)  
*Paraleyrodes goyabae* (?) (Homoptera)

## PUNICA:

- Cacoecia pronubana* (Lepidoptera)  
*Ceratitis capitata* (Diptera)  
*Cryptoblabes gnidiella* (Lepidoptera)  
*Glycyphagus domesticus* (Arachnida)

## PYRUS:

- Anastrepha ludens* (Diptera)  
*Aonidiella citrina* (Homoptera)  
*Ceratitis capitata* (Diptera)  
*Parlatoria chinensis* (Homoptera)  
*Rhagoletis pomonella* (Diptera)

## QUERCUS:

- Hemimene juliana* (Lepidoptera)

## RANDIA:

- Ferrisia virgata* (Homoptera)

## RAPHANUS:

- Psylliodes chrysocephala* (Coleoptera)

## RHODODENDRON:

- Acalla schalleriana* (Lepidoptera)  
*Gracilaria azaleella* (Lepidoptera)  
*Pulvinaria psidii* (Homoptera)  
*Stephanitis pyrioides* (Hemiptera)

## ROSA:

- Allantus cinctus* (Hymenoptera)  
*Frankliniella intonsa* (Thysanoptera)  
*Monomorium destructor* (Hymenoptera)  
*Taeniothrips atratus* (Thysanoptera)

## RUBUS:

- Lasioptera rubi* (?) (Diptera)



*Hosts and Insects—Continued*

## SACCHARUM:

"*Targionia*" *sacchari* (Homoptera)  
*Trionymus sacchari* (Homoptera)

## SCHIMA:

*Aspidiotus degeneratus* (Homoptera)  
*Ceroplastes rubens* (Homoptera)

## SCINDAPSUS:

*Pinnaspis buxi* (Homoptera)

## SECHIUM:

*Platynota rostrana* (Lepidoptera)

## SELAGINELLA:

*Epilachna varivestis* (Coleoptera)

## SESBANIA:

*Acanthoscelides griseolus* (Coleoptera)

## SOIL:

*Brachyrhinus rugosostriatus* (Coleoptera)  
*Iridomyrmex humilis* (Hymenoptera)  
*Strophosoma melanogrammum* (Coleoptera)

## SOLANUM:

*Leucinodes orbonalis* (Lepidoptera)  
*Neoleucinodes elegantalis* (Lepidoptera)  
*Pyrausta nubilalis* (Lepidoptera)

## SORGHUM:

*Pyrausta nubilalis* (Lepidoptera)  
*Sesamia cretica* (Lepidoptera)  
*Sesamia nonagrioides* (Lepidoptera)

## SPONDIAS:

*Anastrepha mombinpraeoptans* (Diptera)

## STRELITZIA:

*Phenacaspis sandwicensis* (Homoptera)  
*Pinnaspis buxi* (Homoptera)

## SWIETENIA:

*Aspidiotus destructor* (Homoptera)  
*Nasutitermes corniger* (Isoptera)

## SYRINGA:

*Adoxophyes orana* (Lepidoptera)  
*Gymnaetron beccabungae* var. *nigrum* (Coleoptera)  
*Sitona lineata* (Coleoptera)

## TILLANDSIA:

*Exptochiomeria formosa* (Hemiptera)  
*Galgupha texana* (Hemiptera)  
*Isorhinus depressus* (Coleoptera)

## TILLANDSIA—Continued

*Isorhinus undatus* (Coleoptera)  
*Monanthia monotropidia* (Hemiptera)  
*Mormidea cubrosa* (Hemiptera)  
*Plagiodera thymaloides* (Coleoptera)

## TRIPLOCHITON:

*Xyloerthodes nitidipennis* (Coleoptera)

## TULIPA:

*Anuraphis tulipae* (Homoptera)

## VANDA:

*Furcaspis biformis* (Homoptera)  
*Parlatoria pseudoaspidiotus* (Homoptera)  
*Pinnaspis scrobicularum* (Homoptera)

## VICIA:

*Bruchus dentipes* (Coleoptera)  
*Bruchus luteicornis* (Coleoptera)  
*Bruchus tristis* (Coleoptera)

## VITIS:

*Brachyrhinus sulcatus* (Coleoptera)  
*Ceratitis capitata* (Diptera)  
*Clysia ambiguella* (?) (Lepidoptera)  
*Iridomyrmex humilis* (Hymenoptera)  
*Leptoglossus chilensis* (Hemiptera)  
*Phlyctinus callosus* (Coleoptera)  
*Polychrosis botrana* (Lepidoptera)

## VRIESIA:

*Aspidiotus palmae* (Homoptera)

## WISTERIA:

*Phenacaspis fujicola* (Homoptera)

## YUCCA:

*Pheidole megacephala* (Hymenoptera)

## ZANTEDESCHIA:

*Deroceras reticulatum* (Mollusca)

## ZEA:

*Pagiocerus fiorii* (Coleoptera)  
*Sesamia cretica* (Lepidoptera)

## ZINGIBER:

*Monomorium destructor* (Hymenoptera)  
*Palaeopus costicollis* (Coleoptera)

## ZINNIA:

*Philia febrilis* (Diptera)

*Hosts Unknown*

## AIRPLANE:

*Chelymorpha alternans* (?) (Coleoptera)  
*Cyclocephala lunulata* (Coleoptera)  
*Dacus dorsalis* (Diptera)  
*Delphacodes dissipata* (Homoptera)  
*Oryctonia jucunda* (Coleoptera)  
*Perkinsiella vitiensis* (Homoptera)  
*Prodenia litura* (Lepidoptera)  
*Protaetia orientalis* (Coleoptera)  
*Texanous spatulatus* (Homoptera)  
*Xylotrupes gideon* (Coleoptera)

## BAGGAGE:

*Melolontha melolontha* (Coleoptera)  
*Spondylis buprestoides* (Coleoptera)

## BARK:

*Pityogenes chalcographus* (Coleoptera)  
*Pityophthorus sambuci* (Coleoptera)

## BOXCAR:

*Pectinophora gossypiella* (Lepidoptera)

## BULB:

*Iridomyrmex humilis* (Hymenoptera)

## CORK BALE SLAT:

*Sinoxylon sexdentatum* (Coleoptera)

## FERN:

*Monomorium destructor* (Hymenoptera)

## FLOWERS:

*Frankliniella bispinosa* (Thysanoptera)  
*Hymenia perspectalis* (Lepidoptera)  
*Iridomyrmex humilis* (Hymenoptera)  
*Loxostege similalis* (Lepidoptera)  
*Mormidea cubrosa* (Hemiptera)  
*Tephritis arnicae* (Diptera)

## FOREST LITTER:

*Strophosoma capitatus* (Coleoptera)

## FRUIT:

*Anastrepha mombinpraeoptans* (Diptera)  
*Ceratitis capitata* (Diptera)

## GRASS:

*Antonina graminis* (Homoptera)  
*Hypolithus riparius* (Coleoptera)  
*Odonaspis saccharicaulis* (Homoptera)  
"*Targionia*" *sacchari* (Homoptera)

## GROUND CREEPER:

*Pseudaonidia trilobitiformis* (Homoptera)

## IN BOX WITH VANDA LEI:

*Bradybaena similis* (Mollusca)

## LEAF:

*Coccus viridis* (Homoptera)  
*Conchaspis angraeci* (Homoptera)  
*Pinnaspis buxi* (Homoptera)  
*Tetraleurodes acaciae* (Homoptera)  
*Tetraleurodes abutilonea* (?) (Homoptera)

## LEGUME LEAF:

*Tetraleurodes acaciae* (Homoptera)

## PACKING:

*Acalypta parvula* (Hemiptera)  
*Dyscinctus frater* (Coleoptera)  
*Iridomyrmex iniquus* (Hymenoptera)  
*Scepticus insularis* (Coleoptera)

## PLANT:

*Aspidiotus destructor* (Homoptera)  
*Asterolecanium agavis* (Homoptera)  
*Ferrisia virgata* (Homoptera)  
*Icerya aegyptiaca* (Homoptera)  
*Parlatoria pseudoaspidiotus* (Homoptera)  
*Pulvinaria psidii* (Homoptera)

## RETURNED MILITARY EQUIPMENT:

*Achatina fulica* (Mollusca)

## "SAWALI" MATS:

*Dinoderus brevis* (Coleoptera)

## SCRAP METAL:

*Achatina fulica* (Mollusca)

## SEA SHELL:

*Lardoglyphus zacheri* (Arachnida)



*Hosts Unknown—Continued***STRAW JACKET:***Iridomyrmex humilis* (Hymenoptera)**TREE SEED:***Mimosestes sallaei* (Coleoptera)**TRUCK BED:***Anastrepha ludens* (Diptera)*Pectinophora gossypiella* (Lepidoptera)*Toxotrypana curvicauda* (Diptera)**VINE:***Brachyplatys deplanatus* (Hemiptera)*Ferrisia virgata* (Homoptera)**WOOD:***Callidium rufipenne* (Coleoptera)*Heterobostrychus aequalis* (Coleoptera)*Lyctus spinifrons* (Coleoptera)*Minthea rugicollis* (Coleoptera)*Sinoxylon anale* (Coleoptera)*Sinoxylon conigerum* (Coleoptera)*Sinoxylon crassum* (Coleoptera)**WOOLEN GOODS:***Sirex noctilio* (Hymenoptera)*Countries of Origin and Insects***AFRICA:***Ceratitis capitata***ALGERIA:***Ceratitis capitata**Gortyna flavago**Lepidosaphes ficus**Parlatoria zizyphus**Sinoxylon sexdentatum***ARGENTINA:***Parlatoria cinerea***ARNO ATOLL ISLAND:***Pseudococcus pandanicola***AUSTRALIA:***Agrotis ypsilon**Chrysomphalus rossi**Lepidosaphes tuberculata***AZORES:***Ceratitis capitata**Dacus oleae**Deroceras reticulatum**Iridomyrmex humilis**Rhagoletis cerasi***BAHAMAS:***Anastrepha mombinpraeoptans**Aspidiotus destructor**Pectinophora gossypiella***BARBADOS:***Aulacaspis tubercularis**Furcaspis biformis**Protopulvinaria pyriformis**"Targionia" hartii***BELGIUM:***Acalla schalleriana**Allantus cinctus**Brachyrhinus sulcatus***BERMUDA:***Cryptoblabes gnidiella**Frankliniella bispinosa**Haplothrips gowdeyi**Pheidole megacephala**Prodenia ornithogalli**Pulvinaria psidii**Taeniothrips gracilis***BOLIVIA:***Parlatoria cinerea***BRAZIL:***Anuraphis tulipae**Aspidiotus palmarum**Aulacaspis tubercularis**Chrysomphalus personatus**Chrysomphalus scutiformis**Coccus viridis**Cylas formicarius* var. *elegantulus**Euscepes postfasciatus**Neoleucinodes elegantalis**Parlatoria cinerea**Pectinophora gossypiella**Pheidole megacephala**Stephanoderes hampei**Tenthecoris orchidearum**Unaspis citri***BRITISH HONDURAS:***Stenoma catenifer***BRITISH WEST AFRICA:***Cylas puncticollis***BRITISH WEST INDIES:***Iridomyrmex iniquus***CANADA:***Brachyrhinus rugosostriatus**Monomorium destructor***CANAL ZONE:***Aspidiotus destructor**Asterolecanium epidendri**Chrysomphalus umboniferus**Conchaspis angraeci**Ferrisia virgata**Furcaspis biformis**Leucaspis cockerelli**Parlatoria pseudaspidotus**Pinnaspis buxi**Unaspis citri**Vinsonia stellifera***CANARY ISLANDS:***Lepidosaphes tuberculata***CENTRAL AMERICA:***Anastrepha ludens***CEYLON:***Parlatoria pseudaspidotus***CHILE:***Aspidiotus latastei**Bryobia praetiosa**Iridomyrmex humilis**Leptoglossus chilensis**Menalometis chilensis***CHINA:***Chilo simplex**Cylas formicarius* var.*Unaspis citri***COLOMBIA:***Anastrepha mombinpraeoptans**Anastrepha serpentina**Pseudaonidia trilobitiformis**Pseudococcus filamentosus**Stenoma catenifer***COSTA RICA:***Anastrepha mombinpraeoptans**Asterolecanium epidendri**Cyclocephala lunulata**Cylas formicarius* var. *elegantulus**Eucactophagus aurocinctus**Furcaspis biformis**Leucaspis cockerelli**Parallelodiplosis cattleyae* (?)*Pinnaspis buxi**Platynota rostrana**Protopulvinaria longivalvata**Protopulvinaria pyriformis**Vinsonia stellifera***CUBA:***Alerocanthus woglumi**Anastrepha suspensa**Aspidiotus destructor**Aspidiotus herculeanus**Aspidiotus palmarum**Asterolecanium bambusae**Asterolecanium epidendri**Asterolecanium pustulans**Coccus viridis**Cyclocephala cubana**Cylas formicarius* var. *elegantulus**Euscepes postfasciatus**Faustinus cubae**Ferrisia virgata**Leucaspis cockerelli**Pheidole megacephala**Pinnaspis buxi**Platynota rostrana**Ribua innoxia**Targionia sacchari**Tetraleurodes acaciae*



## Countries of Origin and Insects—Continued

## CUBA—Continued

*Trionymus sacchari*  
*Vinsonia stellifera*

## CURACAO:

*Cylas formicarius* var. *elegantulus*

## CZECHOSLOVAKIA:

*Taeniothrips atratus*

## DENMARK:

*Mamestra brassicae*  
*Pieris brassicae*  
*Sitona lineata*

## DOMINICA:

*Leucaspis cockerelli*  
*Pheidole megacephala*

## DOMINICAN REPUBLIC:

*Aspidiotus destructor*  
*Dialeurodes citrifolii*  
*Mimosetes sallaei*  
"Targionia" *hartii*

## ECUADOR:

*Anastrepha serpentina*  
*Metamasius habetatus*  
*Metamasius sericeus*  
*Stenoma catenifer*

## EGYPT:

*Ceratitis capitata*  
*Pyrausta nubilalis*

## ENGLAND:

*Eriophyes canestrinii*  
*Gracilaria azaleella*  
*Heterogaster urticae*  
*Lasioptera rubi* (?)  
*Laspeyresia nigricana*  
*Lecanium coryli*  
*Leperisinus fraxini*  
*Lichtensia viturni*  
*Mamestra brassicae*  
*Sitona lineata*  
*Taeniothrips ericae*

## FIJI ISLANDS:

*Perkinsiella vitiensis*

## FORMOSA:

*Achatina fulica*  
*Chilo simplex*  
*Parlatoria cinerea*  
*Pyrausta nubilalis*

## FRANCE:

*Brevipalpus australis*  
*Bruchus luteicornis*  
*Ceratitis capitata*  
*Clysia ambiguella* (?)  
*Evergestis forficalis*  
*Gortyna flavago*  
*Gortyna ochracea*  
*Gracilaria azaleella*  
*Mamestra brassicae*  
*Parlatoria zizyphus*  
*Pieris brassicae*  
*Rhagoletis cerasi*  
*Taeniothrips atratus*

## GERMANY:

*Aspidiotus palmarum*  
*Frankliniella intonsa*  
*Laspeyresia strobilella*  
*Melolontha melolontha*  
*Philia febrilis*  
*Strophosoma capitatus*  
*Strophosoma melanogrammum*  
*Taeniothrips atratus*  
*Taeniothrips vulgatissimus*  
*Tetropium castaneum*

## GOLD COAST:

*Amitermes unidentatus*  
*Argyroploce leucotreta*  
*Cordylomera spinicornis*  
*Cylas puncticollis*  
*Pheidole megacephala*  
*Xyloerthodes nitidipennis*  
*Xyloperthella crinitarsis*

## GREECE:

*Acanthoscelides spinipes*  
*Aonidiella citrina*  
*Ceratitis capitata*  
*Dacus oleae*  
*Hemimene juliana*  
*Parlatoria oleae*

## GREECE—Continued

*Pectinophora gossypiella*  
*Sesamia cretica*

## GUAM:

*Achatina fulica*  
*Lepidosaphes tokionis*  
*Monomorium destructor*

## GUATEMALA:

*Anastrepha ludens*  
*Anastrepha mombinpraeoptans*  
*Dyscinetus frater*  
*Iridomyrmex iniquus*  
*Metamasius sericeus*  
*Puto ulter*  
*Stenoma catenifer*  
*Talponia batesi*  
*Tenthecoris bicolor*

## HAITI:

*Unaspis citri*  
*Vinsonia stellifera*

## HAWAII:

*Adoretus sinicus*  
*Bradybaena similis*  
*Ceratitis capitata*  
*Ceroplastes rubens*  
*Coccus acutissimus*  
*Coccus viridis*  
*Cryptophlebia illepidia*  
*Cryptorhynchus mangiferae*  
*Dacus cucurbitae*  
*Dacus dorsalis*  
*Ereunetis flavistriata*  
*Furcaspis biformis*  
*Lampides boeticus*  
*Lepidosaphes tokionis*  
*Maruca testulalis*  
*Opogona aurisquamosa*  
*Pealius hibisci*  
*Pectinophora gossypiella*  
*Phenacaspis sandwicensis*  
*Pinnaspis buxi*  
*Pseudococcus palmarum*  
*Pulvinaria psidii*  
*Taeniothrips hawaiiensis*  
*Trionymus sacchari*

## HONDURAS:

*Anastrepha mombinpraeoptans*  
*Nasutitermes corniger*  
*Stenoma catenifer*

## HUNGARY:

*Pyrausta nubilalis*

## INDIA:

*Caryedon fuscus*  
*Coccus capparidis*  
*Cryptorhynchus mangiferae*  
*Cylas formicarius*  
*Cylas formicarius* var.  
*Dinoderus brevis*  
*Frankliniella schultzei*  
*Haplothrips gowdeyi*  
*Heterobostrychus aequalis*  
*Lyctus spinifrons*  
*Microcephalothrips abdominalis*  
*Minthea rugicollis*  
*Parlatoria morrisoni*  
*Pectinophora gossypiella*  
*Sinoxylon anale*  
*Sinoxylon conigerum*  
*Sinoxylon crassum*

## INDONESIA:

*Cylas formicarius*  
*Leucinodes orbonalis*  
*Parlatoria pseudaspidotus*

## IRELAND:

*Evergestis forficalis*  
*Frankliniella intonsa*  
*Gelechia ericetella*  
*Mamestra brassicae*  
*Micrelus ericae*  
*Pieris brassicae* (?)  
*Taeniothrips atratus*  
*Taeniothrips ericae*

## ISRAEL:

*Ceratitis capitata*  
*Parlatoria oleae*  
*Prodenia litura*



## Countries of Origin and Insects—Continued

## ITALY:

*Anuraphis tulipae*  
*Brachycerus albidentatus*  
*Brachycerus algirus*  
*Bruchus lentis*  
*Bruchus luteicornis*  
*Bruchus signaticornis*  
*Bruchus tristis*  
*Cacoecia pronubana*  
*Ceratitis capitata*  
*Ceroplastes rusci*  
*Coccus viridis*  
*Cryptoblabes gnidiella*  
*Curculio elephas*  
*Dacus oleae*  
*Diaphania unionalis* (?)  
*Dyspessa ulula*  
*Glycyphagus domesticus*  
*Hemimene juliana*  
*Hypoborus ficus*  
*Iridomyrmex humilis*  
*Lamptia equestris*  
*Laspeyresia nigricana*  
*Laspeyresia splendana*  
*Lepidosaphes ficus*  
*Mamestra brassicae*  
*Parlatoria oleae*  
*Parlatoria zizyphi*  
*Phloeotribus scarabaeoides*  
*Polychrosis botrana*  
*Prays oleellus*  
*Psylliodes chrysocephala*  
*Pyrausta nubilalis*  
*Rhagoletis cerasi*  
*Sesamia cretica*  
*Trialeurodes lauri*

## JAMAICA:

*Aganactes indecora*  
*Aleurocanthus woglumi*  
*Anastrepha mombinpraeoptans*  
*Asterolecanium epidendri*  
*Asterolecanium pustulans*  
*Coccus viridis*  
*Cylas formicarius* var. *elegantulus*  
*Haplothrips gowdeyi*  
*Leucaspis cockerelli*  
*Leucaspis indica*  
*Monomorium destructor*  
*Palaeopus costicollis*  
*Pectinophora gossypiella*  
*Vinsonia stellifera*

## JAPAN:

*Aspidiotus corticis-pini*  
*Aspidiotus cryptoxanthus*  
*Aspidiotus degeneratus*  
*Aspidiotus destructor*  
*Callidium rufipenne*  
*Ceroplastes rubens*  
*Chilo simplex*  
*Dialeurodes citri*  
*Eulachnus piniformosanus* (?)  
*Fiorinia japonica*  
*Frankliniella formosae*  
*Laspeyresia splendana*  
*Lepidosaphes conchiformis*  
*Lepidosaphes pallida*  
*Malacosoma neustria* (?)  
*Maruca testulalis*  
*Oxyetonia jucunda*  
*Parlatoria camelliae*  
*Parlatoria chinensis*  
*Parlatoria pyri*  
*Pentamerisimus oregonensis*  
*Phenacaspis fujicola*  
*Pinnaspis uniloba*  
*"Poliaspis" pini*  
*Protaetia orientalis*  
*Pseudococcus pini*  
*Pyrausta nubilalis*  
*Scepticus insularis*  
*Scotinophara lurida*  
*Spondylis buprestoides*  
*Stephanitis pyrioides*  
*Taeniothrips hawaiiensis*  
*Unaspis yanonensis*

## JAVA:

*Aulacaspis tegalensis*

## JERUSALEM:

*Anuraphis tulipae*

## KOREA:

*Grapholitha molesta*

## LEBANON:

*Bruchus dentipes*  
*Ceratitis capitata*  
*Dacus oleae*  
*Deroceras reticulatum*  
*Lepidosaphes ficus*

## LIBERIA:

*Rostrychoplites cornutus*  
*Minthea obsita*  
*Xyloperthella crinitarsis*

## LIBYA:

*Dacus oleae*

## MADEIRA ISLANDS:

*Ceratitis capitata*  
*Iridomyrmex humilis*

## MARSHALL ISLANDS:

*Aonidiella inornata*

## MEXICO:

*Acalymma trivittata*  
*Acanthoscelides griseolus*  
*Aeolus vermiculatus*  
*Agallia lingula*  
*Aleurocanthus woglumi*  
*Aleuroglandulus emmae*  
*Aleurothrixus floccosus*  
*Amorbia emigratella*  
*Anastrepha ludens*  
*Anastrepha mombinpraeoptans*  
*Anastrepha serpentina*  
*Anastrepha striata*  
*Arvelius albopunctatus*  
*Aspidiotus destructor*  
*Aspidiotus palmae*  
*Asterolecanium agavis*  
*Asterolecanium bambusae*  
*Asterolecanium pustulans*  
*Aufeius impressicollis*  
*Bemisia tabaci*  
*Capaneus tetricus*  
*Chrysomphalus albopictus*  
*Chrysomphalus personatus*  
*Chrysomphalus umboniferus*  
*Coccotrypes dactyliperda*  
*Conotrachelus aguacatae*  
*Conotrachelus perseae*  
*Cosmopolites sordidus*  
*Crophius scabrosus*  
*Cryphula apicatus*  
*Cylas formicarius* var. *elegantulus*  
*Cyrtopeltis varians*  
*Dactylopius coccus*  
*Deloyala guttata*  
*Delphacodes dissipata*  
*Diabrotica lepida*  
*Diorymerellus laevimargo*  
*Dysdercus mimulus*  
*Dysdercus obliquus*  
*Epilachna varivestis*  
*Epinotia opposita*  
*Eustrophinus marginatus*  
*Evergestis rimosalis*  
*Exptochiomeria albomaculata*  
*Exptochiomeria formosa*  
*Ferrisia virgata*  
*Frankliniella fortissima*  
*Galgupha texana*  
*Gerstaeckeria mutillaria*  
*Gnori moschema gudmannella*  
*Gnori moschema lavernella*  
*Heilipus caecus*  
*Hymenia perspectalis*  
*Isorhinus depressus*  
*Isorhinus undatus*  
*Lardoglyphus zacheri*  
*Lema quinquenotata*  
*Lepidosaphes philococcus*  
*Ligyrocoris abdominalis*  
*Ligyrocoris aurivilliana*  
*Ligyrocoris nitidicollis*



## Countries of Origin and Insects—Continued

## MEXICO—Continued

*Lineodes integra*  
*Loxostege similalis*  
*Microvelia oaxacana*  
*Monanthia monotropidia*  
*Mormidea cubrosa*  
*Myodocha longicollis*  
*Neoleucinodes elegantalis*  
*Pachygrontha oedancalodes*  
*Pachyzancla bipunctalis*  
*Paraleyrodes goyabae* (?)  
*Parlatoria cinerea*  
*Pectinophora gossypiella*  
*Pityophthorus sambuci*  
*Plagiodera thymaloidea*  
*Platynota rostrana*  
*Prostephanus truncatus*  
*Pseudischnaspis alienus*  
*Pseudodiaspis yuccae*  
*Rhagoletis completa*  
*Rhagoletis juglandis*  
*Rhagoletis pomonella*  
*Rhagoletis striatella*  
*Scyphophorus acupunctatus*  
*Sisamnes contractus*  
*Sixeonotus luteiceps*  
*Stenoma catenifer*  
*Talponia batesi*  
 "Targionia" bromiliae  
 "Targionia" cueroensis  
 "Targionia" hartii  
*Teleonemia cylindricornis*  
*Tenthecoris angustimarginatus*  
*Tenthecoris bicolor*  
*Tenthecoris confusus*  
*Tetraleurodes acaciae*  
*Texananus spatulatus*  
*Toxotrypana curvicauda*  
*Trialeurodes abutilonea* (?)  
*Trialeurodes varia*  
*Trichobaris championi*  
*Trionymus sacchari*  
*Unaspis citri*  
*Valtissius diversus*  
*Xestolabus laesicollis*

## MONTSERRAT:

*Vinsonia stellifera*

## MOROCCO:

*Ceratitis capitata*  
*Sesamia cretica*  
*Sesamia nonagrioides*

## NETHERLANDS:

*Adoxophyes orana*  
*Allantus cinctus*  
*Anuraphis tulipae*  
*Bruchus luteicornis*  
*Deroceras reticulatum*  
*Eriophyes canestrinii*  
*Gracilaria azaleella*  
*Gymnaetron beccabungae* var. *nigrum*  
*Lampetia equestris*  
*Lecanium coryli*  
*Phytoptus avellanae*  
*Sitona lineata*

## NETHERLANDS GUIANA:

*Euscepes postfasciatus*  
*Furcaspis biformis*  
*Maruca testulalis*

## NEW ZEALAND:

*Ceroplastes stnensis*  
*Deroceras reticulatum*  
*Lampetia equestris*

## NICARAGUA:

*Anastrepha mombinpraeoptans*  
*Anastrepha serpentina*  
*Aspidiotus palmae*  
*Leucaspis cockerelli*  
*Pseudischnaspis longissima*  
*Stenoma catenifer*

## NORWAY:

*Argyresthia conjugella*

## PAKISTAN:

*Oxycarenum lactus*

## PALESTINE:

*Dacus oleae*

## PALMYRA ISLAND:

*Ferrisia virgata*

## PANAMA:

*Aleurocanthus woglumi*  
*Anastrepha mombinpraeoptans*  
*Aspidiotus destructor*  
*Aspidiotus palmae*  
*Asterolecanium epidendri*  
*Chrysomphalus umboniferus*  
*Coccus viridis*  
*Furcaspis biformis*  
*Lepidosaphes tokionis*  
*Leucaspis cockerelli*  
*Metamasius sericeus*  
*Protopulvinaria longivalvata*  
*Protopulvinaria pyriformis*  
*Pseudischnaspis alienus*  
*Pseudischnaspis longissima*  
*Pyrausta nubilalis*  
*Stenoma catenifer*  
*Vinsonia stellifera*

## PERU:

*Conchaspis angraeci*  
*Laspeyresia leguminis*  
*Pagiocerus fiorii*  
*Stenoma catenifer*

## PHILIPPINES:

*Achatina fulica*  
*Aleurotuberculatus jasmini*  
*Antonina graminis*  
*Aonidiella citrina*  
*Aonidiella inornata*  
*Brachyplatys deplanatus*  
*Chrysomphalus tingi*  
*Dialeurodes kirkaldyi*  
*Dinoderus brevis*  
*Ferrisia virgata*  
*Lepidosaphes tuberculata*  
*Odonaspis saccharicaulis*  
*Parlatoria pseudaspidiotus*  
*Parlatoria zizyphus*  
*Pinnaspis scrobicularum*  
*Pseudaonidia curculiginis*  
*Pseudococcus lilacinus*  
*Sinoxylon anale*  
 "Targionia" hartii  
*Unaspis yanonensis*  
*Xylotrupes gideon*

## PORTUGAL:

*Ceratitis capitata*  
*Curculio elephas*  
*Iridomyrmex humilis*  
*Laspeyresia splendana*  
*Parlatoria oleae*  
*Rhagoletis cerasi*  
*Sitona lineata*

## PUERTO RICO:

*Anastrepha mombinpraeoptans*  
*Anastrepha suspensa*  
*Ancylostomia stercorea*  
*Coccus viridis*  
*Cylas formicarius* var. *elegantulus*  
 "Targionia" sacchari  
*Vinsonia stellifera*

## SAIPAN:

"Targionia" sacchari

## SALVADOR:

*Anastrepha mombinpraeoptans*  
*Aulacaspis tubercularis*  
*Leucaspis cockerelli*  
*Pseudischnaspis alienus*  
*Stenoma anonella*

## SCOTLAND:

*Aphis callunae*  
*Gelechia ericetella*  
*Hypolithus riparius*  
*Orthotylus ericetorum*  
*Taeniothrips atratus*  
*Taeniothrips ericae*

## SIERRA LEONE:

*Alcidodes dentipes*  
*Cylas puncticollis*

## SOUTH PACIFIC:

*Achatina fulica*  
*Aonidiella inornata*



## Countries of Origin and Insects—Continued

## SPAIN:

*Acalypta parvula*  
*Brachycerus algius*  
*Ceratitis capitata*  
*Gnorimoschema ocellatella*  
*Parlatoria zizyphus*

## STRAITS SETTLEMENTS:

*Icerya aegyptiaca*

## SWEDEN:

*Argyresthia conjugella*  
*Frankliniella intonsa*  
*Phytomyza rufipes*  
*Pityogenes chalcographus*  
*Rhagoletis pomonella* (?)  
*Taeniothrips atratus*

## SWITZERLAND:

*Rhagoletis cerasi*  
*Sirex noctilio*  
*Tephritis arnicæ*

## SYRIA:

*Earias insulana* f. *semifascia*  
*Lepidosaphes ficus*

## TAHITI:

*Ferrisia virgata*

## THAILAND:

*Aonidiella comperei* (?)  
*Cylas formicarius* var.  
*Parlatoria pseudaspidotus*

## TRIESTE:

*Pyrausta nubilalis*

## TRINIDAD:

*Anastrepha mombinpraeoptans*  
*Asterolecanium epidendri*  
*Leucaspis cockerelli*  
*Microcephalothrips abdominalis*  
*Parlatoria cinerea*  
*Pectinophora gossypiella*  
*Platynota rostrana*  
*Protopulvinaria longivalvata*  
*Pseudaonidia trilobitiformis*  
*"Targionia" hartii*  
*Toxotrypana curvicauda*  
*Vinsonia stellifera*

## TRIPOLI:

*Ceratitis capitata*

## TURKEY:

*Chaetoptelius vestitus*  
*Dacus oleae*

## UNION OF SOUTH AFRICA:

*Argyroploce leucotreta*  
*Aspidiotus destructor*  
*Asterolecanium stentæ*  
*"Chionaspis" leucadendri*  
*Chrysomphalus rossi*  
*Frankliniella schultzei*  
*Haplothrips wouramboulchii*  
*Iridomyrmex humilis*  
*Phlyctinus callosus*  
*Pseudococcus trichiliae*  
*Pseudothrips glaucus* (?)

## UNKNOWN:

*Carpocoris pudicus*  
*Ceratitis capitata*  
*Chelymormpha alternans* (?)  
*Frankliniella intonsa*  
*Rhagoletis cerasi*  
*Rhagoletis pomonella*  
*Taeniothrips atratus*  
*Taeniothrips vulgatissimus*

## URUGUAY:

*Parlatoria cinerea*

## VENEZUELA:

*Mimosestes dominicanus*  
*Eurytoma orchidearum*  
*Euscepes postfasciatus*  
*Furcaspis biformis*  
*Gymnandrosoma aurantianum* (?)  
*Vinsonia stellifera*

## VIRGIN ISLANDS:

*Anastrepha mombinpraeoptans*

## WAKE ISLAND:

*Prodenia litura*

## YAP ISLAND:

*Monomorium destructor*

## YUGOSLAVIA:

*Bruchus tristis*  
*Cacoecia pronubana*  
*Cryptoblabes gnidiella*  
*Laspeyresia splendana*



*Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952*

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Albugo portulacae</i> (DC.) O. Kuntze: <i>Portulaca oleracea</i> (purslane).....	Mexico.....	1			Tex.
<i>Albugo tragopogonis</i> F. Gray: <i>Cynara scolymus</i> (globe artichoke).....	Sweden.....		1		Mass.
<i>Alternaria citri</i> Ell. & Pierce: <i>Citrus limon</i> (lemon).....	Australia.....		2		Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	Japan.....		1		Calif.*
<i>Citrus sinensis</i> (orange).....	France, Spain, Mexico.....	6			Tex.
<i>Alternaria porri</i> (Ell.) Cif.: <i>Urginea</i> sp.....	Ethiopia.....			1	D. C.
<i>Aschersonia basicystis</i> Berk. & Curt.: <i>Chamaedorea</i> sp.....	Mexico.....	1			Tex.
Palm.....	do.....	1			Tex.
<i>Ascochyta ledi</i> Rostr.: <i>Zenobia pulverulenta</i> (dusty zenobia).....	Netherlands.....			1	N. J.
<i>Ascochyta sorghina</i> Sacc.: <i>Sorghum halepense</i> (Johnson grass).....	Mexico.....	1			Tex.
<i>Asperisporium caricae</i> (Speg.) Maub.: <i>Carica papaya</i> (papaya).....	Cuba.....		1		Pa.
<i>Botryosphaeria agaves</i> (P. Henn.) Butl.: <i>Agave</i> sp.....	Mexico.....			1	Ariz.
<i>Botryosphaeria berengeriana</i> DeN. f. <i>araucariae</i> Sacc.: <i>Araucaria araucana</i> (monkeypuzzle).....	France, Netherlands.....			3	N. J.
<i>Botryosphaeria ribis</i> Gross. & Dugg.: <i>Araucaria cunninghami</i> .....	Australia.....			1	Calif.*
<i>Macrozamia spiralis</i> (spiral macrozamia).....	do.....			1	Calif.*
<i>Malus sylvestris</i> var.....	China.....			1	Calif.*
<i>Persea americana</i> (avocado).....	Hawaii, Mexico.....	2	1		Calif.*, Tex.
<i>Botrytis elliptica</i> (Berk.) Cke.: <i>Lilium speciosum rubrum</i> (pink speciosum lily).....	Japan.....			2	Calif.*
<i>Botrytis gladiolorum</i> Timmermans: <i>Gladiolus</i> sp.....	Canada, Japan, Netherlands.....			11	Calif.*, N. Y.
<i>Catacauma palmicola</i> F. L. Stevens: <i>Thrinax parviflora</i> (Jamaica thatch palm).....	Canal Zone.....			1	Wash.
<i>Ceratostomella ips</i> Rumbold (?): <i>Pinus</i> sp. (pine).....	England.....			1	N. J.
<i>Cercospora anethi</i> Sacc.: <i>Anethum graveolens</i> (dill).....	Denmark.....		1		Md.
<i>Cercospora anthelmintica</i> Atk.: <i>Chenopodium ambrosioides</i> (wormseed goosefoot).....	Mexico.....		1		Tex.
<i>Cercospora arachidicola</i> Hori: <i>Arachis</i> sp.....	do.....	1			Tex.
<i>Cercospora aricola</i> Sacc.: <i>Philodendron</i> sp.....	do.....			1	Tex.
<i>Cercospora beticola</i> Sacc.: <i>Beta vulgaris cicla</i> (Swiss chard).....	Italy.....		1		Pa.
<i>Cercospora coffeicola</i> Berk. & Cke.: <i>Coffea</i> sp. (coffee).....	Brazil, Mexico.....	1		1	N. Y., Tex.
<i>Cercospora cordiae</i> Chupp: <i>Cordia</i> sp.....	Mexico.....	1			Tex.
<i>Cercospora cryptomeriae</i> Shirai: <i>Cryptomeria japonica</i> (cryptomeria).....	Japan.....			1	Hawaii.
<i>Cercospora handelii</i> Bub.: <i>Rhododendron catawbiense</i> .....	Netherlands.....			1	N. J.
<i>Rhododendron impeditum</i> .....	do.....			1	N. J.
<i>Rhododendron</i> sp.....	do.....			1	N. J.
<i>Cercospora lythracearum</i> Heald & Wolf: <i>Punica granatum</i> (pomegranate).....	Puerto Rico.....	1			N. Y.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisiaca</i> (plantain).....	British Guiana.....		1		Tex.
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica, Mexico.....	6	1		Calif.*, Tex.
<i>Cercospora piperis</i> Pat.: <i>Piper</i> sp.....	Mexico.....		1		Tex.
<i>Cercospora protearum</i> Cke.: <i>Leucadendron argenteum</i> (silver leucadendron).....	Union of South Africa.....	1			N. Y.
<i>Cercospora purpurea</i> Cke.: <i>Persea americana</i> (avocado).....	Mexico.....	8			Tex.
<i>Cercosporella mori</i> Pk.: <i>Morus</i> sp. (mulberry).....	do.....	1			Tex.



*Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—*  
Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cerebella andropogonis</i> Ces.:					
<i>Bothriochloa insculpta</i> .....	Kenya.....			1	D. C.
<i>Paspalum dilatatum</i> (Dallas grass).....	New Zealand.....			1	D. C.
<i>Cerebella paspali</i> Cke. & Mass.:					
<i>Paspalum dilatatum</i> .....	Australia.....			1	Hawaii
<i>Ceuthospora lunata</i> Shear:					
<i>Leucothoe catesbaei</i> .....	Netherlands.....			2	N. J.
<i>Rhododendron</i> sp.....	do.....			1	N. J.
" <i>Chrysanthemum virus Q</i> ":					
<i>Chrysanthemum</i> sp.....	Denmark.....			1	N. J.
<i>Chrysomyxa rhododendri</i> (DC.) D. By.:					
<i>Rhododendron azaleodendron</i> (azaleodendron).....	England.....			1	N. J.
<i>Rhododendron ferrugineum</i> (rock rhododendron).....	Hungary, Switzerland.....	3		3	Mass., N. Y.
<i>Rhododendron hirsutum</i> .....	England, Germany.....	1		1	N. J., N. Y.
<i>Rhododendron</i> sp.....	Switzerland.....	3		1	N. J.
<i>Claviceps paspali</i> F. L. Stevens & J. O. Hall:					
<i>Paspalum dilatatum</i> (Dallas grass).....	Argentina.....			2	D. C.
<i>Claviceps purpurea</i> (Fr.) Tul.:					
<i>Festuca elatior</i> var.....	Israel.....			1	D. C.
<i>Coleosporium senecionis</i> (Pers.) Fr.:					
<i>Senecio cineraria</i> (silver cineraria).....	Argentina.....			1	N. Y.
<i>Colletotrichum agaves</i> Cav.:					
<i>Agave vestita</i> .....	Mexico.....			1	Calif.
<i>Agave</i> sp.....	Italy, Mexico.....	1		3	Ariz., N. J., Tex.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils.:					
<i>Indocalamus</i> sp. (bamboo).....	China.....			1	D. C.
<i>Colletotrichum heucherae</i> Ell. & Gall.:					
<i>Heuchera titania</i> .....	England.....			1	N. J.
<i>Colletotrichum liliacearum</i> (Schw.) Ferr.:					
<i>Iris germanica</i> (German iris).....	Australia, New Zealand.....			6	Calif.*
<i>Iris</i> sp.....	England.....			1	Calif.*
<i>Lilium auratum</i> (goldband lily).....	Japan.....			11	Calif.* , Oreg., Wash.
<i>Lilium giganteum</i> (giant lily).....	do.....			4	Calif.*
<i>Lilium hansonii</i> (hanson lily).....	do.....			1	Calif.*
<i>Lilium henryi</i> (henry lily).....	do.....			1	Calif.*
<i>Lilium japonicum</i> (Japanese lily).....	do.....			2	Calif.*
<i>Lilium longiflorum</i> (Easter lily).....	do.....			7	Calif.*
<i>Lilium rubellum</i> (rubellum lily).....	do.....			1	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily).....	do.....			17	Calif.* , Wash.
<i>Lilium tigrinum</i> (tiger lily).....	do.....			1	Calif.*
<i>Lilium</i> sp.....	India, Japan, New Zealand.....			9	Calif.* , Pa., Wash.
<i>Colletotrichum lini</i> (Westerdijk) Toch.:					
<i>Linum</i> sp. (flax).....	Portugal.....	1			Mass.
<i>Colletotrichum philodendri</i> P. Henn.:					
<i>Philodendron</i> sp.....	Mexico.....			1	Tex.
<i>Colletotrichum violae-tricoloris</i> R. E. Sm.:					
<i>Viola</i> sp.....	England.....			1	N. J.
<i>Coniothecium citri</i> McAlp.:					
<i>Citrus aurantifolia</i> (sweet lime).....	Mexico.....	1			Tex.
<i>Coniothyrium concentricum</i> (Desm.) Sacc.:					
<i>Agave stricta</i> (hedge agave).....	do.....			1	Calif.*
<i>Coniothyrium cytisellum</i> (Pass. & Thum.) Sacc.:					
<i>Laburnocytisus adami</i> .....	Netherlands.....			1	N. J.
<i>Laburnum watereri</i> .....	do.....			15	N. J.
<i>Coniothyrium hellebori</i> Cke. & Mass.:					
<i>Helleborus niger</i> (Christmas-rose).....	England, Netherlands.....			10	N. J.
<i>Coniothyrium laburnophilum</i> Oud.:					
<i>Laburnum</i> sp.....	Denmark.....			1	N. J.
<i>Coniothyrium olivaceum</i> Bon.:					
<i>Wisteria</i> sp.....	Japan.....			1	Calif.*
<i>Coryneum carpophilum</i> (Lev.) Jauch:					
<i>Prunus persica</i> (peach).....	Mexico.....	1			Tex.
<i>Coryneum microstictum</i> Berk. & Br.:					
<i>Rosa</i> sp.....	Canada.....	1			Wash.



Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—  
Continued

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Cronartium ribicola</i> Alex. Fisch.: <i>Ribes</i> sp. (black currant).....	Canada.....			1	N. Y.
<i>Cryptodiaporthe salicella</i> (Fr.) Wehm.: <i>Salix</i> sp. (willow).....	France, Netherlands.....	1	1		N. Y.
<i>Cryptospora longispora</i> Servazzi: <i>Araucaria excelsa</i> (Norfolk-Island pine).....	Australia, Norfolk Island.....			3	Calif.*, N. Y.
<i>Cucurbitaria fraxini</i> Ell. & Ev.: <i>Fraxinus</i> sp. (ash).....	Mexico.....	1			Tex.
<i>Cumminsella sanguinea</i> (Peck.) Arth.: <i>Mahonia</i> sp.....	Canada.....			1	Wash.
<i>Curvularia lunata</i> (Wakk.) Boed.: <i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Oryza sativa</i> (rice).....	India.....			1	D. C.
<i>Cylindrocarpon mali</i> (Allesch.) Wr.: <i>Laburnum watereri</i> .....	Netherlands.....			1	N. J.
<i>Cymadothea trifolii</i> (Fr.) Wolf: <i>Trifolium</i> sp.....	Portugal.....			1	D. C.
<i>Dasyscypha phragmiticola</i> P. Henn. & Ploetn.: <i>Phragmites</i> sp.....	Denmark.....			1	N. J.
<i>Diaporthe eres</i> Nits.: <i>Ficus carica</i> var.....	Italy.....			3	Calif.*
<i>Leucothoe catesbaei</i> .....	Netherlands.....			1	N. J.
<i>Magnolia</i> sp.....	Japan.....			1	Wash.
<i>Wisteria floribunda macrobotrys</i> .....	do.....			1	Calif.*
<i>Diplodia coccocarpa</i> Sacc.: <i>Cocos nucifera</i> (coconut).....	Guam, Hawaii, Tahiti.....	9	1		Calif.*
<i>Diplodia paraphysaria</i> Sacc.: <i>Aerides fieldingi</i> (orchid).....	Thailand.....			1	Hawaii
<i>Laelia</i> sp. (orchid).....	Mexico.....			1	Tex.
Orchid.....	Brazil, Mexico, Trinidad.....	1		2	P. R., Tex.
<i>Diplodia theobromae</i> (Pat.) Nowell: <i>Manihot</i> sp.....	Cape Verde Islands.....			1	N. J.
<i>Diplodina eurhododendri</i> Voss: <i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Diplodina leucothoes</i> (P. Henn.) Died.: <i>Leucothoe</i> sp.....	Netherlands.....			2	N. J.
<i>Discosia artocreas</i> Fr.: <i>Daphne</i> sp.....	Ireland.....			1	N. Y.
<i>Echidnodes cocoes</i> Syd.: <i>Cocos nucifera</i> (coconut).....	Palmyra Island.....		1		Hawaii
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (sour lime).....	Brazil.....		7		La., N. Y., Pa., Tex.
<i>Citrus aurantium</i> (sour orange).....	Argentina.....		1		Tex.
<i>Citrus limon</i> (lemon).....	Argentina, Brazil.....		57		Ala., Calif.*, La., Md., Mass., N. Y., Pa., Tex.
<i>Citrus reticulata</i> (Mandarin orange).....	Argentina.....		2		N. Y.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil, unknown, Uruguay.....		67		Ala., Calif.*, Fla., La., Md., Mass., N. Y., Pa., P. R., Tex.
<i>Citrus</i> sp. (orange).....	Argentina.....		1		Ga.
<i>Elsinoe phaseoli</i> Jenkins: <i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Cuba.....	1			N. Y.
<i>Endoconidiophora adiposa</i> (Butl.) Davidson: <i>Eleocharis dulcis</i> (waternut).....	China.....	1			Calif.*
<i>Entyloma oryzae</i> Syd. & P. Syd.: <i>Oryza sativa</i> (rice).....	Japan.....			1	Hawaii
<i>Fusarium graminearum</i> Schwabe: <i>Triticum aestivum</i> (wheat).....	Netherlands.....			1	D. C.
<i>Fusarium oxysporum</i> Schlecht.: <i>Crocus zonatus</i> .....	do.....			1	N. Y.



Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—  
Continued

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<i>Fusarium oxysporum</i> Schlecht. f. <i>gladioli</i> (Massey) Snyder & Hansen: <i>Gladiolus</i> sp.....	Canada, England, Germany, Netherlands.	-----	-----	5	Ga., Mich., N. Y., Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>narcissi</i> (Cke. & Mass.) Snyder & Hansen: <i>Narcissus</i> sp.....	Norway.....	-----	-----	1	N. Y.
<i>Fusarium phragmiticola</i> Kirsch.: <i>Phragmites</i> sp.....	Denmark.....	-----	-----	1	N. J.
<i>Fusicladium depressum</i> (Berk. & Br.) Sacc.: <i>Foeniculum vulgare</i> (fennel).....	Algeria.....	-----	1	-----	Pa.
<i>Fusicladium eriobotryae</i> Cav.: <i>Eriobotrya japonica</i> (loquat).....	Italy.....	1	-----	-----	N. Y.
<i>Fusicladium pyracanthae</i> (Otth) Rostr.: <i>Pyracantha coccinea</i> (scarlet firethorn).....	Netherlands.....	-----	-----	1	N. J.
<i>Gliomastix convoluta</i> (Harz.) Mason: <i>Solanum tuberosum</i> (potato).....	Japan, Mexico.....	1	3	-----	Calif.* , Tex.
<i>Zingiber officinale</i> (ginger).....	China, Formosa, Japan.....	16	-----	-----	Calif.*
<i>Gloeocercospora sorghi</i> Bain & Edg.: <i>Sorghum halepense</i> (Johnson grass).....	Mexico.....	1	-----	-----	Tex.
<i>Gloeosporium araucariae</i> Karst. & Hariot: <i>Araucaria araucana</i> (monkeypuzzle).....	England (?).....	-----	-----	1	Wash.
<i>Gloeosporium leguminum</i> (Cke.) Sacc.: <i>Prosopis</i> sp. (mesquite).....	Mexico.....	2	-----	-----	Tex.
<i>Gloeosporium piperatum</i> Ell. & Ev.: <i>Capsicum frutescens</i> (pepper).....	Guatemala.....	-----	-----	1	D. C.
<i>Gloeosporium rhododendri</i> Briosi & Cav.: <i>Rhododendron praecox</i> (winter rhododendron).....	Netherlands.....	-----	-----	3	N. J.
<i>Graphiola borassi</i> Syd. & Butl.: <i>Borassus flabellifer</i> (palmyra palm).....	India.....	1	-----	-----	Md.
<i>Gymnosporangium haraeae</i> Syd.: <i>Juniperus chinensis</i> (Chinese juniper).....	Japan.....	-----	-----	1	Calif.*
<i>Juniperus</i> sp.....	do.....	-----	-----	1	Hawaii
<i>Gymnosporangium juniperi</i> Lk.: <i>Sorbus aucuparia</i> (European mountain-ash).....	Sweden.....	-----	-----	1	N. Y.
<i>Hainesia lythri</i> (Desm.) Hohn.: <i>Rosa</i> sp.....	Spain.....	-----	-----	1	N. J.
<i>Helminthosporium oryzae</i> Breda de Haan: <i>Oryza sativa</i> (rice).....	Cuba, Hawaii, India, Japan.	3	13	2	Calif., D. C.
<i>Hendersonia importata</i> Allesch: <i>Vanda caerulea</i> (orchid).....	Thailand.....	-----	-----	1	Hawaii
<i>Hendersonia sarmentorum</i> West.: <i>Berberis lomariifolia</i> .....	England.....	-----	-----	1	Wash.
<i>Heterodera avenae</i> Eidam: Soil with bagging.....	England, Netherlands, Scotland.	11	-----	-----	N. Y., Pa., Va.
Soil with potatoes.....	Spain.....	4	-----	-----	N. Y., P. R.
<i>Heterodera cacti</i> Filip. & Schuurmans Stekhoven: Soil with cactus plants.....	France, Switzerland.....	-----	-----	4	Calif.* N. J., N. Y., Tex
Soil with <i>Lobivia</i> sp.....	Germany.....	-----	-----	1	Calif.*
Soil with <i>Mammillaria robustispina</i> .....	Mexico.....	-----	-----	1	Calif.*
Soil with <i>Mammillaria</i> spp.....	do.....	-----	-----	3	Calif.*
Soil with various succulents.....	England.....	-----	-----	1	N. Y.
<i>Heterodera punctata</i> Thorne: Soil with Amaryllidaceae bulbs.....	Ireland.....	1	-----	-----	Calif.*
Soil on army trucks.....	Europe, Germany, unknown.	3	-----	-----	N. Y.
Soil with bagging.....	Belgium, Denmark, England, Netherlands, Scotland.	13	-----	-----	N. Y., Pa., Va.
Soil used as ballast.....	Scotland.....	2	-----	-----	Pa.
Soil with carrots.....	Netherlands.....	1	-----	-----	N. Y.
Soil with chrysanthemum plants.....	England.....	-----	-----	2	Mass., Wash.
Soil with compost for orchids.....	do.....	-----	-----	1	N. J.
Soil with <i>Cymbidium</i> sp.....	do.....	-----	-----	3	N. J.
Soil with <i>Cypripedium</i> sp.....	do.....	-----	-----	1	N. J.
Soil with <i>Dianthus</i> sp., peony, and delphinium.....	do.....	-----	-----	1	N. Y.



Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—  
Continued

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Heterodera punctata</i> —Continued					
Soil with <i>Fragaria</i> sp. ....	Scotland .....	—	—	1	N. J.
Soil with geranium .....	England, Sweden .....	—	1	1	N. Y., Pa.
Soil with hens-and-chickens plants .....	England .....	—	—	1	N. Y.
Soil with lily-of-the-valley plants .....	France .....	—	—	1	N. Y.
Soil with <i>Lupinus</i> sp. plants .....	England .....	—	—	1	N. Y.
Soil with picka-back plants .....	Germany .....	—	1	—	N. Y.
Soil with various plants .....	Sweden .....	—	—	1	N. J.
Soil with potatoes .....	England, Ireland, Norway, Spain. ....	1	4	—	N. Y., Pa., Va.
Soil with <i>Primula</i> sp. plants .....	England .....	—	—	1	N. J.
Soil with <i>Ranunculus</i> sp. and <i>Primula</i> sp. plants .....	do .....	—	—	1	N. J.
Soil with <i>Sedum</i> sp. plants .....	do .....	—	—	1	N. Y.
Soil with <i>Sedum</i> sp. and <i>Primula</i> sp. plants .....	do .....	—	—	1	N. Y.
Soil with woody cuttings .....	do .....	—	—	1	N. J.
<i>Heterodera rostochiensis</i> Wr.:					
Soil .....	Ireland .....	—	—	1	N. Y.
Soil with <i>Asparagus sprengeri</i> plants .....	Germany .....	—	—	1	N. Y.
Soil with potted azalea plant .....	Netherlands .....	—	—	1	Ala.
Soil with bagging .....	Belgium, Denmark, England, Germany, Netherlands, Scotland. ....	57	—	—	Md., N. Y., Pa., Va.
Soil used as ballast .....	Scotland .....	2	—	—	N. Y., Pa.
Soil with <i>Begonia</i> sp. plants .....	Germany .....	—	—	1	N. Y.
Soil with <i>Calluna</i> sp. plants .....	Scotland .....	—	—	1	N. J.
Soil with carnation plants .....	England .....	—	—	1	N. Y.
Soil with cedar plants .....	Ireland .....	—	—	1	Mass.
Soil with celery roots .....	England .....	—	1	—	Va.
Soil with <i>Coleus</i> sp. plants .....	Scotland .....	—	—	1	N. Y.
Soil with dahlia roots .....	England .....	—	—	2	N. J.
Soil with forget-me-not plants .....	do .....	—	1	—	N. Y.
Soil with <i>Fragaria</i> sp. roots .....	Sweden .....	—	—	1	N. J.
Soil with heather plants .....	Scotland .....	—	—	3	Mass.
Soil with heather and <i>Calluna</i> sp. plants .....	do .....	—	—	1	N. J.
Soil with <i>Juniperus</i> sp. and <i>Helxine</i> sp. plants .....	England .....	—	—	1	N. J.
Soil with lily-of-the-valley plants .....	Germany .....	—	—	2	Calif., N. Y.
Soil with <i>Pelargonium</i> sp. ....	England .....	1	—	—	N. Y.
Soil with unidentified plants .....	Denmark, France .....	—	—	2	Mass., N. Y.
Soil with potatoes .....	Belgium, Canary Islands, England, Ireland, Peru, Scotland, Spain. ....	5	11	—	Calif., N. Y., Pa., P. R., Va., Wash.
Soil with <i>Ribes</i> sp. plants .....	England .....	—	—	1	N. J.
Soil with rutabaga roots .....	Netherlands .....	—	1	—	Pa.
Soil with <i>Scabiosa</i> sp. ....	England .....	—	—	1	N. J.
Soil with succulent plants .....	do .....	—	—	1	N. Y.
Soil with thistle plants .....	Scotland .....	—	—	1	N. Y.
Soil with tulips .....	Germany .....	—	1	—	Pa.
Soil with woody cuttings .....	England .....	—	—	1	N. J.
<i>Heterodera schachtii</i> Schmidt:					
Soil with carnation plants .....	Germany .....	—	—	1	Ill.
<i>Heterodera trifolii</i> (Goffart) Oostenbrink:					
Soil with potatoes .....	New Zealand .....	—	1	—	Pa.
<i>Heterosporium iridis</i> (Fautr. & Roum.) Jacques:					
<i>Iris germanica</i> (German iris) .....	do .....	—	—	1	Calif.*
<i>Heterosporium ornithogali</i> Klotzsch:					
<i>Ornithogalum thyrsoides</i> (ehinkeriehee) .....	Union of South Africa .....	9	—	—	D. C., Mass., N. J., Pa., Wash.
Leprosis:					
<i>Citrus reticulata</i> (Mandarin orange) .....	Mexico .....	1	—	—	Tex.
<i>Citrus sinensis</i> (orange) .....	Egypt, Haiti, Mexico, Panama, unknown. ....	7	5	—	Calif., Hawaii, Pa., Tex.
<i>Leptosphaeria citricola</i> Penz.:					
<i>Citrus reticulata</i> (Mandarin orange) .....	Japan .....	1	—	—	Alaska.



Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—  
Continued

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<i>Leptosphaeria heterospora</i> (De N.) Sacc.:					
<i>Iris atrofusca</i> .....	Palestine.....	-----	-----	1	Calif.*
<i>Iris atropurpurea</i> (blackpurple iris).....	Netherlands.....	-----	-----	1	Calif.*
<i>Iris gatesi</i> (monarch iris).....	Netherlands, Turkey.....	-----	-----	2	Calif.*
<i>Iris germanica</i> (German iris).....	Australia, Canada, England, New Zealand.....	-----	-----	9	Calif.*
<i>Iris korolkowi</i> (redvein iris).....	Netherlands.....	-----	-----	3	Calif.*
<i>Iris nazarena</i> .....	Palestine.....	-----	-----	1	Calif.*
<i>Iris nigricans</i> .....	Hashemite Kingdom of the Jordan.....	-----	-----	1	Calif.*
<i>Iris stolonifera</i> (runner iris).....	Netherlands.....	-----	-----	1	Calif.*
<i>Iris stolonifera leichtlini</i> .....	do.....	-----	-----	1	Calif.*
<i>Iris susiana</i> (mourning iris).....	France, Netherlands.....	-----	-----	2	Calif.*
<i>Iris</i> sp.....	Canada, England, Netherlands, Palestine.....	-----	-----	8	Calif.*, N. J.
<i>Leptosphaeria opuntiae</i> Dodge:					
<i>Ferocactus crassihamatus</i> (cactus).....	Mexico.....	-----	-----	1	Tex.
<i>Ferocactus</i> sp.....	do.....	-----	-----	1	Tex.
<i>Leptosphaeria rusci</i> (Wallr.) Sacc.:					
<i>Ruscus</i> sp.....	Italy.....	3	-----	-----	Pa.
<i>Leptothyrium gentianicola</i> (DC.) Baeuml. var. <i>olivaceum</i> Bub.:					
<i>Gentiana acaulis</i> .....	England.....	-----	-----	1	N. J.
<i>Leptothyrium pomi</i> (Mont. & Fr.) Sacc.:					
<i>Malus sylvestris</i> (apple).....	Mexico.....	1	-----	-----	Tex.
<i>Lophodermium juniperinum</i> (Fr.) De N.:					
<i>Juniperus</i> sp.....	Italy.....	1	-----	-----	N. Y.
<i>Lophodermium pinastri</i> (Fr.) Chev.:					
<i>Pinus</i> sp. (3-leaved pine).....	Japan.....	-----	-----	1	Hawaii.
<i>Pinus</i> sp.....	Canada.....	-----	-----	2	N. Y.
<i>Macrophoma anthurii</i> Trinch.:					
<i>Anthurium</i> sp.....	Bermuda.....	-----	-----	1	N. J.
<i>Spathyphyllum</i> sp.....	do.....	-----	-----	1	N. J.
<i>Macrophoma cocos</i> Pass.:					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	2	-----	-----	Calif.*
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica, Hawaii, Mexico.....	2	1	-----	Calif.*
<i>Macrophoma oncidii</i> P. Henn.:					
<i>Oncidium cavendishianum</i> (orchid).....	Guatemala.....	-----	-----	1	Calif.*
<i>Macrophomina phaseolina</i> (Tassi) Goid.:					
<i>Ipomoea batatas</i> (sweetpotato).....	Borneo, Japan.....	1	1	-----	Calif.*
<i>Iris nigricans</i> .....	Hashemite Kingdom of the Jordan.....	-----	-----	1	Calif.*
<i>Ixia viridiflora</i> (green ixia).....	Union of South Africa.....	-----	-----	2	Calif.*
<i>Moraea spathacea</i> .....	do.....	-----	-----	1	Calif.*
<i>Melanospora zamiae</i> Cda.:					
<i>Colocasia esculenta</i> (dasheen).....	China, Japan.....	4	-----	-----	Calif.*
<i>Zingiber officinale</i> (ginger).....	Formosa, Hawaii, Japan, Philippines.....	15	-----	-----	Calif.*
<i>Meliola citricola</i> Syd.:					
<i>Citrus reticulata</i> (Mandarin orange).....	China.....	7	-----	-----	Calif.*
<i>Citrus sinensis</i> (orange).....	Ceylon, China, Japan.....	18	1	-----	Calif.*, Hawaii, Minn.
<i>Meloidogyne arenaria</i> (Neal) Chitwood:					
<i>Bletilla</i> sp. (orchid).....	Japan.....	-----	-----	2	Wash.
<i>Brassica rapa</i> (turnip).....	Mexico.....	2	-----	-----	Tex.
<i>Dahlia</i> sp.....	India.....	-----	-----	1	N. J.
<i>Solanum tuberosum</i> (potato).....	Chile.....	-----	1	-----	Pa.
<i>Meloidogyne exigua</i> Goeldi:					
<i>Dahlia</i> sp.....	Australia.....	-----	-----	1	Calif.*
<i>Meloidogyne hapla</i> Chitwood:					
<i>Chrysanthemum</i> sp.....	Netherlands.....	-----	-----	1	N. J.
<i>Clematis</i> sp.....	do.....	-----	-----	2	Wash.
<i>Delphinium</i> sp.....	do.....	-----	-----	1	N. J.
<i>Hepatica angulosa</i> (Hungarian hepatica).....	do.....	-----	-----	1	Wash.
Soil with unknown plant.....	Germany.....	-----	-----	1	Va.



Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—  
Continued

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<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Asparagus myriocladus</i> .....	Japan.....			1	Hawaii
<i>Dahlia</i> sp.....	India.....			1	Calif.*
<i>Dioscorea</i> sp.....	Nicaragua.....			1	D. C.
<i>Musa paradisiaca sapientum</i> (banana).....	Mexico.....			1	Tex.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood (?) :					
<i>Beta vulgaris</i> (beet).....	French West Africa.....		1		Pa.
<i>Daucus carota</i> (carrot).....	Argentina.....		1		Pa.
<i>Mammillaria phymatothele</i> (cactus).....	Mexico.....			1	N. J.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood var. <i>acrita</i> Chitwood:					
<i>Agapanthus</i> sp.....	Japan.....			1	Wash.
<i>Pastinaca sativa</i> (parsnip).....	Union of South Africa.....		1		Tex.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood var. <i>acrita</i> Chitwood (close to; possibly n. sp.):					
<i>Hedychium</i> sp.....	Canal Zone.....			1	Tex.
<i>Pogostemon</i> sp.....	Philippines.....			1	D. C.
<i>Meloidogyne javanica</i> (Treub.) Chitwood:					
<i>Bletilla</i> sp. (orchid).....	Japan.....			3	Wash.
<i>Dahlia</i> sp.....	Australia.....			1	Calif.*
<i>Memnoniella echinata</i> (Rivolta) L. O. Gall.:					
<i>Cymbidium lowianum</i> (orchid).....	India.....			1	Calif.*
<i>Philodendron</i> sp.....	Mexico.....			1	Calif.*
<i>Solanum tuberosum</i> (potato).....	Japan.....		1		Calif.*
<i>Zingiber officinale</i> (ginger).....	China, Formosa, Japan.....	29			Calif.*
<i>Microdiploia agaves</i> (Niessl) Petr.:					
<i>Agave stricta</i> (hedgehog agave).....	Mexico.....			1	Calif.*
<i>Microthyriella guianensis</i> F. L. Stevens & Manter:					
<i>Miltonia endresii</i> (orchid).....	Costa Rica.....			1	Tex.
<i>Monilinia fruticola</i> (Wint.) Honey:					
<i>Prunus domestica</i> (plum).....	Mexico.....	1			Tex.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple).....	England, Sweden.....	1	1		N. Y., Pa.
<i>Prunus domestica</i> (plum).....	France.....	1			N. Y.
<i>Prunus</i> sp. (sweet cherry).....	England.....		1		Pa.
<i>Mycosphaerella citrullina</i> (C. O. Sm.) Gross.:					
<i>Sechium edule</i> (chayote).....	Italy.....			1	N. J.
<i>Mycosphaerella fragariae</i> (Tul.) Lindau:					
<i>Fragaria</i> sp. (strawberry).....	France.....			1	D. C.
<i>Mycosphaerella opuntiae</i> (Ell. & Ev.) Dearn.:					
<i>Coryphantha longicornis</i> (cactus).....	Mexico.....			1	Tex.
<i>Mycosphaerella schoenoprasii</i> (Auers.) Schroet.:					
<i>Allium cepa</i> (onion).....	Japan.....	1			Hawaii.
<i>Allium fistulosum</i> (Welsh onion).....	do.....		5		Pa.
<i>Mycosphaerella washingtoniae</i> Rehm:					
<i>Phoenix humilis loureiri</i> (roebelen date).....	do.....			1	Calif.*
<i>Myriangium duriaei</i> Mont. & Berk.:					
<i>Citrus sinensis</i> (orange).....	Mexico.....		1		Calif.*
<i>Myrothecium roridum</i> Fr.:					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico (?).....	1			Tex.
<i>Neocosmospora vasinfecta</i> E. F. Sm.:					
<i>Cymbidium grandiflorum</i> (orchid).....	India.....			1	Calif.*
<i>Nigrospora oryzae</i> (Berk. & Br.) Petch:					
<i>Cymbopogon nardus</i> (citronella grass).....	Indonesia.....			1	Calif.*
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Cymbopogon citratus</i> (lemon grass).....	Java.....		1		Calif.*
<i>Oryza sativa</i> (rice).....	China, Japan.....	8	3		Calif.*
<i>Omphalia flavida</i> Maub. & Rangel:					
<i>Gardenia augusta</i> (gardenia).....	Mexico.....	4			Tex.
<i>Oospora candidula</i> Sacc. var. <i>carpogena</i> Sacc.:					
<i>Ceanothus</i> sp.....	England.....			1	N. J.
<i>Oospora pustulans</i> Owen & Wakef.:					
<i>Solanum tuberosum</i> (potato).....	Finland.....			1	N. Y.
<i>Ophiostoma narcissi</i> Limber:					
<i>Narcissus</i> sp.....	Ireland.....			1	N. J.
<i>Panagrolaimus rigidus</i> (A. Schneider) Thorne (?) :					
<i>Dieffenbachia</i> sp.....	Mexico.....			1	Tex.



*Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—*  
Continued

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Papulaspora coprophila</i> (Zukal) Hotson: <i>Gladiolus</i> sp.-----	Japan-----	-----	-----	1	Calif.*
<i>Papulaspora dodgei</i> Connors: <i>Gladiolus</i> sp.-----	Germany-----	-----	-----	1	Mich.
<i>Papulaspora parasitica</i> (Eidam) Harz: <i>Dahlia</i> sp.-----	Australia-----	-----	-----	1	Calif.*
"Peony virus": <i>Paeonia</i> sp. (peony)-----	Netherlands-----	-----	-----	1	N. J.
<i>Peronospora effusa</i> (Grev.) Rab.: <i>Spinacia oleracea</i> (spinach)-----	Mexico-----	1	-----	-----	Ariz.
<i>Peronospora trifoliorum</i> D. By.: <i>Medicago</i> sp.-----	Ethiopia-----	-----	-----	1	D. C.
<i>Pestalotia bromellicola</i> Speg.: Bromeliad-----	Brazil-----	-----	-----	1	N. J.
<i>Pestalotia conspicua</i> Servazzi: <i>Laelia anceps</i> (orchid)-----	Mexico-----	-----	-----	1	Tex.
Orchid-----	Costa Rica, Mexico-----	-----	-----	3	Tex.
<i>Pestalotia cycadis</i> Allesch.: <i>Macrozamia spiralis</i> (spiral macrozamia)-----	Australia-----	-----	-----	1	Calif.*
<i>Pestalotia funerea</i> Desm.: <i>Cryptomeria japonica</i> (cryptomeria)-----	Japan-----	-----	-----	2	Calif.*, Hawaii.
<i>Pinus parviflora</i> (Japanese white pine)-----	do-----	-----	-----	1	Calif.*
<i>Pestalotia guepini</i> Desm.: <i>Camellia japonica</i> (camellia)-----	do-----	-----	-----	1	Calif.*
<i>Camellia sasanqua</i> -----	do-----	-----	-----	1	Calif.*
<i>Camellia</i> sp.-----	Japan, Korea, New Zea- land-----	-----	-----	4	Calif.*, D. C.
<i>Pestalotia lespedezae</i> Syd.: <i>Lespedeza stipulacea</i> (Korean lespedeza)-----	China-----	-----	-----	1	Calif.*
<i>Pestalotia macrotricha</i> Kleb.: <i>Rhododendron</i> sp.-----	Netherlands-----	-----	-----	1	Wash.
<i>Pestalotia palmarum</i> Oke.: <i>Cocos nucifera</i> (coconut)-----	Hawaii-----	4	-----	-----	Calif.*
<i>Phoenix humilis loureiri</i> (roebelen date)-----	Japan-----	-----	-----	1	Calif.*
<i>Pestalotia peregrina</i> Ell. & G. Martin: <i>Pinus parviflora</i> (Japanese white pine)-----	do-----	-----	-----	1	Calif.*
<i>Pestalotia psidii</i> Pat.: <i>Psidium guajava</i> (guava)-----	Venezuela-----	1	-----	-----	N. Y.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba: <i>Rhododendron indicum</i> -----	Japan-----	-----	-----	1	Calif.*
<i>Rhododendron obtusum</i> -----	do-----	-----	-----	1	Calif.*
<i>Rhododendron</i> sp.-----	Netherlands-----	-----	-----	1	N. J.
<i>Pestalotia truncata</i> Lev.: <i>Ribes alpinum</i> (alpine currant)-----	do-----	-----	-----	1	N. J.
<i>Pestalotia virgatula</i> Kleb.: <i>Mangifera indica</i> (mango)-----	Mexico-----	1	-----	-----	Tex.
<i>Phaeosphaeria oryzae</i> Miyake: <i>Oryza sativa</i> (rice)-----	Japan-----	1	-----	-----	Calif.*
<i>Phleospora pistaciae</i> Petr.: <i>Pistacia</i> sp. (pistache)-----	Turkey-----	1	-----	-----	N. Y.
<i>Phoma citricarpa</i> McAlp.: <i>Citrus limon</i> (lemon)-----	Australia, Japan, Union of South Africa-----	-----	5	-----	Calif.*, Mass.
<i>Citrus paradisi</i> (grapefruit)-----	Australia, Mozambique, Thailand-----	1	2	-----	Calif.*, N. Y.
<i>Citrus paradisi</i> (pomelo)-----	Philippines-----	-----	1	-----	Oreg.
<i>Citrus reticulata</i> (Mandarin orange)-----	China, Japan-----	46	2	-----	Calif.*, Hawaii, Mass., N. Y.
<i>Citrus sinensis</i> (orange)-----	Australia, China, Japan, Natal, Union of South Africa-----	43	10	-----	Calif.*, Hawaii, Minn., Pa. Tex.
<i>Citrus</i> sp. (orange)-----	China-----	2	-----	-----	D. C., Fla.*
<i>Citrus</i> sp.-----	Australia, China-----	9	1	-----	D. C., Ha- wail, Mass. Tex.



Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—  
Continued

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<i>Phoma gypsophila</i> Hollos: <i>Gypsophila</i> sp.	Japan			1	Calif.*
<i>Phoma iridina</i> Sacc.: <i>Iris germanica</i> (German iris)	New Zealand			1	Calif.*
<i>Phoma persicae</i> Schulz. & Sacc.: <i>Persea americana</i> (avocado)	Mexico	1			Tex.
<i>Phoma pomorum</i> Thuem.: <i>Malus sylvestris</i> (apple)	do	1			Tex.
<i>Phomopsis capsici</i> (Magn.) Sacc.: <i>Capsicum frutescens</i> (pepper)	Hawaii		1		Tex.
<i>Phomopsis cocoas</i> Petch.: <i>Cocos nucifera</i> (coconut)	Guam, Hawaii, Tahiti	18			Calif.*
<i>Phomopsis conorum</i> (Sacc.) Died.: <i>Picea</i> sp. (spruce)	Austria	1			D. C.
<i>Phomopsis hellebori</i> (Brun. & Har.) Trav.: <i>Helleborus niger</i> (Christmas-rose)	Netherlands			1	N. J.
<i>Phomopsis phoenicola</i> Trav. & Spessa: <i>Phoenix humilis loureiri</i> (rocbelen date)	Japan			1	Calif.*
<i>Phomopsis stictica</i> (Berk. & Br.) Trav.: <i>Buxus microphylla koreana</i>	Netherlands			1	N. J.
<i>Phragmidium disciflorum</i> [Tode] James: <i>Rosa</i> sp.	Portugal			1	N. J.
<i>Phyllachora engleri</i> Speg.: <i>Syngonium</i> sp.	British Honduras			1	Fla.
<i>Phyllosticta auerswaldii</i> Allesch.: <i>Buxus</i> sp.	Austria			1	Minn.
<i>Phyllosticta cacti</i> (Berk.) Archer: <i>Coryphantha longicornis</i> (cactus)	Mexico			1	Tex.
<i>Phyllosticta camelliae</i> West.: <i>Camellia</i> sp.	Japan			2	Wash.
<i>Phyllosticta cookei</i> Tassi: <i>Magnolia</i> sp.	Mexico	1			Tex.
<i>Phyllosticta dracaena</i> P. Henn.: <i>Cordyline banksi</i> (Banks dracena)	New Zealand			1	Hawaii.
<i>Phyllosticta gaultheriae</i> Ell. & Ev.: <i>Gaultheria</i> sp.	Mexico	1			Tex.
<i>Phyllosticta hedericola</i> Dur. & Mont.: <i>Fatshedera</i> sp.	Belgium			1	N. J.
<i>Hedera helix</i> (English ivy)	Ireland			1	N. Y.
<i>Phyllosticta laeliae</i> Kiessl.: <i>Laelia superbiens</i> (orchid)	Guatemala			1	Calif.*
<i>Oncidium cavendishianum</i> (orchid)	do			1	Calif.*
<i>Phyllosticta lentaginis</i> Sacc. & Syd.: <i>Viburnum</i> sp.	Netherlands			1	N. J.
<i>Phyllosticta maculiformis</i> Sacc.: <i>Castanea</i> sp. (chestnut)	Italy	1			Mass.
<i>Phyllosticta mahoniicola</i> Pass.: <i>Berberis</i> sp.	Netherlands			1	D. C.
<i>Phyllosticta mortoni</i> Fairm.: <i>Mangifera indica</i> (mango)	Haiti, Mexico	2			Pa., Tex.
<i>Phyllosticta osmanthicola</i> Trinch.: <i>Osmanthus forresti</i> (forrests osmanthus)	Netherlands			1	N. J.
<i>Phyllosticta philodendri</i> Allesch.: <i>Philodendron verrucosum</i> (warty philodendron)	Costa Rica			1	Calif.*
<i>Phyllosticta saccardoi</i> Thuem.: <i>Rhododendron</i> sp.	Scotland			1	Ala.
<i>Phyllosticta violae</i> Desm.: <i>Viola</i> sp. (pansy)	Sweden	1			N. Y.
<i>Physalospora camptospora</i> Sacc.: <i>Cattleya bowringiana</i> (orchid)	Mexico			1	Calif.*
<i>Coelogyne elata</i> (orchid)	India			1	Wash.
<i>Physalospora orchidearum</i> P. Henn.: <i>Cymbidium elegans</i> (orchid)	do			1	Calif.*
<i>Orchid</i>	Mexico			1	Tex.
<i>Physalospora wildemaniana</i> Sacc.: <i>Cymbidium devonianum</i> (orchid)	India			1	Calif.*
<i>Physoderma pluriannulatum</i> (Berk. & Curt.) Karling: <i>Sanicula</i> sp. (?)	Mexico			1	Calif.*



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Continued

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<i>Phytophthora parasitica</i> Dast.: <i>Citrus limon</i> (lemon)-----	Spain-----		1		Calif.*
<i>Pleospora herbarum</i> (Pers.) Rab.: <i>Onobrychis viciaefolia</i> (saifon)-----	do-----			1	Calif.*
<i>Vitis</i> sp. (grape)-----	Greece-----			1	Pa.
<i>Pleospora thuemeniana</i> Sacc.: <i>Yucca</i> sp-----	Bermuda-----			1	N. Y.
<i>Pseudomonas marginalis</i> (N. A. Brown) F. L. Stevens: <i>Cichorium endivia</i> (endive)-----	Belgium, Netherlands-----	8			N. Y.
<i>Cichorium intybus</i> (chicory)-----	Belgium-----	1			N. Y.
<i>Pseudomonas marginata</i> (McCull.) Stapp: <i>Gladiolus</i> sp-----	Germany-----			1	Mieh.
<i>Pseudomonas seminum</i> Cayley: <i>Pisum sativum</i> (pea)-----	Portugal-----		1		Tex.
<i>Pseudomonas syringae</i> v. Hall: <i>Citrus limon</i> (lemon)-----	Greece (?)-----		1		Pa.
<i>Pseudomonas tonelliana</i> Burk.: <i>Nerium oleander</i> (oleander)-----	Italy-----			1	N. Y.
<i>Pseudopeziza medicaginis</i> (Lib.) Sacc.: <i>Medicago sativa</i> (alfalfa)-----	Africa-----	1			Mass.
<i>Puccinia arenariae</i> (Schum.) Wint.: <i>Dianthus barbatus</i> (sweet-william)-----	England, Switzerland-----	1		1	N. J., N. Y.
<i>Dianthus deltoides</i> (maiden pink)-----	Switzerland-----			1	N. J.
<i>Puccinia chrysanthemi</i> Roze: <i>Chrysanthemum</i> sp-----	Japan-----			1	Wash.
<i>Puccinia gentianae</i> (Strauss) Lk.: <i>Gentiana acaulis</i> (stemless gentian)-----	Switzerland-----	1			Oreg.
<i>Puccinia glumarum</i> (Schm.) Eriks. & E. Henn.: <i>Triticum aestivum</i> (wheat)-----	Spain-----	1			P. R.
<i>Puccinia graminis</i> Pers. var. <i>tritici</i> Eriks. & E. Henn.: <i>Triticum aestivum</i> (wheat)-----	Mexico-----	1			P. R.
<i>Puccinia hieracii</i> (Schum.) Mart.: <i>Inula</i> sp. (?)-----	Lebanon-----		1		Pa.
<i>Puccinia iridis</i> (DC.) Wallr.: <i>Iris mellita</i> -----	Turkey-----			1	N. J.
<i>Puccinia lantanae</i> Farl.: <i>Lantana</i> sp-----	Bermuda-----			1	N. Y.
<i>Puccinia oblecta</i> Pk.: <i>Scirpus</i> sp. (bullrush)-----	Mexico-----	1			Tex.
<i>Puccinia ornithogali-thyrsoides</i> Diet.: <i>Ornithogalum thyrsoides</i> (ehinkerichee)-----	Union of South Africa-----	10			D. C., Md., Mass., N. J., N. Y., Pa.
<i>Puccinia smyrnii</i> Bov.-Bern.: <i>Smyrniolum olustrum</i> (?)-----	France-----	2			Mass.
<i>Puccinia urbaniana</i> P. Henn.: <i>Stachytarpheta jamaicensis</i> -----	Puerto Rico-----	1			P. R.
<i>Puccinia violae</i> (Schum.) DC.: <i>Viola</i> sp. (violet)-----	Canada-----	1			Wash.
<i>Pucciniastrum vacciniorum</i> Lagh.: <i>Vaccinium arctostaphylos</i> -----	England-----			1	N. J.
<i>Pyrenochaeta erysiphoides</i> Sacc.: <i>Boehmeria</i> sp-----	Japan-----			1	Calif.
<i>Pyrenochaeta oryzae</i> Miyake: <i>Oryza sativa</i> (rice)-----	do-----	1			Calif.*
<i>Pythium butleri</i> Subr.: <i>Zingiber</i> sp-----	Guam-----	1			Hawaii
<i>Ramularia beticola</i> Fautr. & C. R. Lambert: <i>Beta intermedia</i> -----	Turkey-----			1	D. C.
<i>Ramularia primulae</i> Thuem.: <i>Primula</i> sp. (primrose)-----	Netherlands-----			1	N. Y.
<i>Ramularia taraxaci</i> Karst.: <i>Taraxacum</i> sp. (dandelion)-----	Germany-----	1			N. Y.
<i>Schizophyllum commune</i> Fr.: Bark from wooden erate-----	Japan-----	1			Hawaii.



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Continued

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<i>Scirrhodithis bambusae</i> (Turc.) Trott.: Bambuseae	Japan	1			Hawaii.
<i>Sclerotinia kernerii</i> Wettst.: <i>Abies alba</i> (silver fir)	Germany	1			Pa.
<i>Abies</i> sp.	Greece (?)		1		Mass.
<i>Sclerotinia minor</i> Jagger: <i>Pisum sativum</i> (pea)	Portugal		1		Pa.
<i>Sclerotium cepivorum</i> Berk.: <i>Allium sativum</i> (garlic)	France, Italy	1	1		Calif.*, N. Y.
<i>Sclerotium evonymi</i> Desm.: <i>Euonymus</i> sp.	Netherlands			1	Wash.
<i>Sclerotium ornithogali</i> Savu. & Sanduville: <i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	1			D. C.
<i>Sclerotium oryzae</i> Catt.: <i>Oryza sativa</i> (rice)	Korea	1			Wash.
<i>Selenophoma donacis</i> (Pass.) Sprague & A. G. Johnson: <i>Agropyron</i> sp.	Union of Soviet Socialist Republics.			1	N. J.
<i>Septobasidium pseudopedicellatum</i> Burt: <i>Citrus sinensis</i> (orange)	Brazil		1		Tex.
<i>Septoria azaleae</i> Vogl.: <i>Rhododendron japonicum</i> (Japanese azalea)	Netherlands			1	N. J.
<i>Rhododendron</i> sp.	France, Netherlands			3	N. J., N. Y., Wash.
<i>Septoria chrysanthemi</i> Allesch.: <i>Chrysanthemum</i> sp.	Japan			1	Wash.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon)	Argentina, Australia, Italy, New Zealand, Panama, Spain.		6		Calif.*, Tex.
<i>Citrus paradisi</i> (grapefruit)	Japan		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange)	China	2			Calif.*
<i>Citrus sinensis</i> (orange)	Union of South Africa		1		Calif.*
<i>Septoria dianthi</i> Desm.: <i>Dianthus</i> sp. (carnation)	Azores	1			Mass.
<i>Septoria gladioli</i> Pass.: <i>Gladiolus</i> sp.	Mexico, Turkey	1		1	N. J., Tex.
<i>Septoria posekensis</i> Sacc.: <i>Cymbidium devonianum</i> (orchid)	India			2	Calif.*
<i>Cypripedium insigne</i> (orchid)	do			1	Calif.*
<i>Septoria ribis</i> Desm.: <i>Ribes</i> sp. (currant)	Norway			1	N. Y.
<i>Septoria unedonis</i> Rob. & Desm.: <i>Arbutus unedo</i> (strawberry-tree)	Greece			1	N. Y.
<i>Sphaceloma fawcettii</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (lime)	Hawaii	1			Hawaii.
<i>Citrus limon</i> (lemon)	Japan		1		Wash.
<i>Citrus reticulata</i> (Mandarin orange)	Mexico	1			Tex.
<i>Sphaceloma fawcettii</i> Jenkins var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins: <i>Citrus limon</i> (lemon)	Australia		2		Mass., Tex.
<i>Citrus paradisi</i> (grapefruit)	do		1		Tex.
<i>Citrus</i> sp.	do		1		Mass.
<i>Sphaceloma punicae</i> Bitanc. & Jenkins: <i>Punica granatum</i> (pomegranate)	Mexico	8			Ariz., Tex.
<i>Sphacelotheca sorghi</i> (Lk.) Clint.: <i>Sorghum vulgare</i> (sorghum)	Nigeria			1	D. C.
<i>Sphenospora kevorkianii</i> Linder: <i>Schomburgkia</i> sp. (orchid)	Panama			1	Tex.
<i>Sporocybe tessulata</i> Sacc.: <i>Dianthus</i> sp. (carnation)	England			1	N. J.
<i>Sporonema oxycocci</i> Shear: <i>Vaccinium arctostaphylos</i>	do			1	N. J.
<i>Stagonospora macrospora</i> (Dur. & Mont.) Sacc.: <i>Agave vestita</i>	Mexico			1	Calif.*
<i>Agave</i> sp.	do			3	Ariz., Tex.
<i>Stemphylium botryosum</i> Wallr.: <i>Gladiolus</i> sp.	do			1	Tex.

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Continued

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<i>Stilbum incarnatum</i> Wakk.:					
<i>Eleocharis dulcis</i> (waternut).....	Formosa.....	5	---	---	Calif.*
<i>Zingiber officinale</i> (ginger).....	Formosa, Japan.....	3	---	---	Calif.*
<i>Thielavia terricola</i> (Gilman & Abbot) Emmons:					
<i>Tulipa</i> sp. (tulip).....	Japan.....	---	---	1	Calif.*
<i>Thielaviopsis basicola</i> (Berk. & Br.) Ferr.:					
<i>Astilbe</i> sp.....	Netherlands.....	---	---	2	N. J.
<i>Paeonia</i> sp.....	do.....	---	---	2	N. J.
<i>Sinningia speciosa</i> (gloxinia).....	Belgium.....	---	---	1	Calif.*
<i>Tilletia caries</i> (DC.) Tul.:					
<i>Triticum aestivum</i> (wheat).....	Afghanistan, Austria.....	---	---	2	D. C.
<i>Tilletia foetida</i> (Wallr.) Liro:					
<i>Triticum aestivum</i> (wheat).....	Ethiopia.....	---	---	1	D. C.
<i>Tilletia paradoxa</i> Jacz.:					
<i>Poa</i> sp.....	Turkey.....	---	---	1	N. J.
"Tomato aspermy virus":					
<i>Chrysanthemum</i> sp.....	Denmark.....	---	---	1	N. J.
<i>Trematosphaerella oryzae</i> (Miyake) Padwick:					
<i>Oryza sativa</i> (rice).....	Salvador.....	---	---	1	D. C.
<i>Trichoderma lignorum</i> Harz:					
<i>Solanum tuberosum</i> (potato).....	Japan.....	---	1	---	Calif.*
<i>Tritirachium dependens</i> Limber:					
<i>Dahlia</i> sp.....	India.....	---	---	1	N. J.
<i>Lilium auratum</i> (goldband lily).....	Japan.....	---	---	4	Calif.*
<i>Lilium giganteum</i> (giant lily).....	do.....	---	---	1	Calif.*
<i>Lilium longiflorum</i> (Easter lily).....	do.....	---	---	4	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily).....	do.....	---	---	7	Calif.*
<i>Lilium</i> sp.....	do.....	---	---	1	Calif.*
<i>Watsonia rosea</i> (rosy buglelily).....	Union of South Africa.....	---	---	1	N. J.
<i>Zingiber officinale</i> (ginger).....	Japan.....	1	---	---	Calif.*
<i>Trochila ilicis</i> (Fr.) Crouan:					
<i>Ilex aquifolium</i> (English holly).....	Netherlands.....	---	---	1	N. J.
<i>Trochila laurocerasi</i> (Desm.) Fr.:					
<i>Prunus</i> sp.....	England.....	---	---	1	D. C.
<i>Tubercularia vulgaris</i> Fr.:					
<i>Acer japonicum aconitifolium</i> .....	Netherlands.....	---	---	1	Wash.
<i>Tylenchus allii</i> Beijerinck:					
<i>Allium sativum</i> (garlic).....	Mexico.....	5	---	---	Tex.
<i>Tylenchus putrefaciens</i> Kuhn:					
<i>Allium sativum</i> (garlic).....	do.....	2	---	---	Tex.
<i>Uredo behnickiana</i> P. Henn.:					
<i>Laelia anceps</i> (orchid).....	do.....	---	---	4	Tex.
<i>Uredo guacae</i> Mayor (?):					
<i>Epidendrum radicans</i> (orchid).....	Guatemala.....	---	---	1	Fla.
<i>Epidendrum</i> sp.....	Cuba.....	---	---	1	Fla.
<i>Uredo jatrophiicola</i> Arth.:					
<i>Jatropha curcas</i> (Barbados nut).....	Puerto Rico.....	---	1	---	N. Y.
<i>Uredo oncidii</i> P. Henn.:					
<i>Oncidium varicosum rogersi</i> (orchid).....	Brazil.....	---	---	1	N. J.
<i>Oncidium</i> sp.....	Guatemala.....	---	---	1	Fla.
<i>Uredo scabies</i> Oke.:					
<i>Vanilla planifolia</i> (orchid).....	Canal Zone.....	---	---	1	Fla.
<i>Vanilla</i> sp.....	do.....	---	---	1	Fla.
<i>Uredo stylosanthis</i> P. Henn.:					
<i>Stylosanthes</i> sp.....	Ethiopia.....	---	---	1	D. C.
<i>Urocystis colchici</i> (Schlecht.) Rab.:					
<i>Colchicum autumnale</i> (autumn-crocus).....	Netherlands.....	---	---	1	N. J.
<i>Colchicum autumnale album</i> (white autumn-crocus).....	do.....	---	---	1	N. J.
<i>Colchicum autumnale major</i> (giant autumn-crocus).....	do.....	---	---	1	N. J.
<i>Uromyces betae</i> (Pers.) Lev.:					
<i>Beta vulgaris cicla</i> (Swiss chard).....	Italy.....	---	1	---	Pa.
<i>Uromyces phaseoli</i> (Pers.) Wint. var. <i>typica</i> Arth.:					
<i>Phaseolus vulgaris</i> var. (string bean).....	Japan.....	---	1	---	Wash.
<i>Uromyces striatus</i> Schroet. var. <i>medicaginis</i> (Pass.) Arth.:					
<i>Medicago sativa</i> (alfalfa).....	Mexico.....	1	---	---	Tex.
<i>Uromyces trifolii</i> (Hedw. f.) Lev.:					
<i>Trifolium</i> sp. (clover).....	Greece.....	---	---	1	Calif.



*Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—*  
Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Ustilago bullata</i> Berk.: <i>Bromus</i> sp.-----	Argentina-----	-----	-----	1	D. C.
<i>Ustilago hordei</i> (Pers.) Lagh.: <i>Hordeum vulgare</i> (barley)-----	Afghanistan-----	-----	-----	1	D. C.
<i>Ustilago tritici</i> (Pers.) Rostr.: <i>Triticum aestivum</i> (wheat)-----	do-----	-----	-----	1	D. C.
<i>Verticillium buxi</i> (Lk.) Auers. & Fleischck: <i>Buxus</i> sp.-----	Canada, Netherlands-----	-----	-----	3	N. J.
<i>Xanthomonas citri</i> (Hasse) Dowson: <i>Citrus aurantifolia</i> (lime)-----	India-----	1	-----	-----	Hawaii
<i>Citrus aurantifolia</i> (sour lime)-----	India, Japan, Malaysia, Philippines.-----	-----	4	-----	Calif. *, Mass., N. Y.
<i>Citrus grandis</i> (pummelo)-----	Thailand-----	-----	2	-----	Wash.
<i>Citrus limon</i> (lemon)-----	Japan-----	-----	16	-----	Calif. *, Hawaii, La., N. Y., Wash.
<i>Citrus paradisi</i> (grapefruit)-----	India, Japan-----	-----	7	-----	Calif. *, Tex.
<i>Citrus paradisi</i> (pomelo)-----	India-----	-----	1	-----	Mass.
<i>Citrus reticulata</i> (Mandarin orange)-----	China-----	2	-----	-----	Calif. *
<i>Citrus sinensis</i> (orange)-----	Ceylon, China, Formosa (?), Japan.-----	14	33	-----	Calif. *, Fla. *, Pa., Wash.
<i>Citrus</i> sp.-----	China-----	1	-----	-----	D. C.
<i>Xanthomonas</i> sp. (?) (Cancrosis "B"): <i>Citrus limon</i> (lemon)-----	Argentina-----	-----	6	-----	Fla. *, Md., Mass., N. Y., Pa., Tex.
<i>Citrus paradisi</i> (grapefruit)-----	do-----	-----	1	-----	Calif. *

### Hosts and Diseases

#### ABIES:

*Sclerotinia kernerii* (Ascomycetes)

#### ACER:

*Tubercularia vulgaris* (Deuteromycetes)

#### AERIDES:

*Diplodia paraphysaria* (Deuteromycetes)

#### AGAPANTHUS:

*Meloidogyne incognita* var. *acrita* (Nematoda)

#### AGAVE:

*Botryosphaeria agaves* (Ascomycetes)

*Colletotrichum agaves* (Deuteromycetes)

*Coniothyrium concentricum* (Deuteromycetes)

*Microdiplodia agaves* (Deuteromycetes)

*Stagonospora macrospora* (Deuteromycetes)

#### AGROPYRON:

*Selenophoma donacis* (Deuteromycetes)

#### ALLIUM CEPA:

*Mycosphaerella schoenoprasi* (Ascomycetes)

#### ALLIUM FISTULOSUM:

*Mycosphaerella schoenoprasi* (Ascomycetes)

#### ALLIUM SATIVUM:

*Sclerotium cepivorum* (Deuteromycetes)

*Tylenchus allii* (Nematoda)

*Tylenchus putrefaciens* (Nematoda)

#### ANANAS:

*Curvularia lunata* (Deuteromycetes)

#### ANETHUM:

*Cercospora anethi* (Deuteromycetes)

#### ANTHURIUM:

*Macrophoma anthurii* (Deuteromycetes)

#### ARACHIS:

*Cercospora arachidicola* (Deuteromycetes)

#### ARAUCARIA:

*Botryosphaeria berengeriana* f. *araucariae* (Ascomycetes)

*Botryosphaeria ribis* (Ascomycetes)

*Cryptospora longispora* (Ascomycetes)

*Gloeosporium araucariae* (Deuteromycetes)

#### ARBUTUS:

*Septoria unedonis* (Deuteromycetes)

#### ASPARGUS:

*Meloidogyne incognita* (Nematoda)

#### ASTILBE:

*Thielaviopsis basicola* (Deuteromycetes)

#### BAMBUSEAE:

*Scirrhodithis bambusae* (Phycomycetes)

#### BERBERIS:

*Hendersonia sarmentorum* (Deuteromycetes)

*Phyllosticta mahoniicola* (Deuteromycetes)

#### BETA:

*Cercospora beticola* (Deuteromycetes)

*Meloidogyne incognita* (?)

*Ramularia beticola* (Deuteromycetes)

*Uromyces betae* (Promycetes)

#### BLETILLA:

*Meloidogyne arenaria* (Nematoda)

*Meloidogyne javanica* (Nematoda)

#### BOEHMERIA:

*Pyrenochaeta erysiphoides* (Deuteromycetes)

#### BORASSUS:

*Graphiola borassi* (Promycetes)

#### BOTHRIOCHLOA:

*Cerebella andropogonis* (Deuteromycetes)



*Hosts and Diseases—Continued*

- BRASSICA RAPA:**  
*Meloidogyne arenaria* (Nematoda)
- BROMELIAD:**  
*Pestalotia bromellicola* (Deuteromycetes)
- BROMUS:**  
*Ustilago bullata* (Promycetes)
- BUXUS:**  
*Phomopsis stictica* (Deuteromycetes)  
*Phyllosticta auerswaldii* (Deuteromycetes)  
*Verticillium buxi* (Deuteromycetes)  
*Volutella buxi* (Deuteromycetes)
- CAMELLIA:**  
*Pestalotia guepini* (Deuteromycetes)  
*Phyllosticta camelliae* (Deuteromycetes)
- CAPSICUM:**  
*Gloeosporium piperatum* (Deuteromycetes)  
*Phomopsis capsici* (Deuteromycetes)
- CARICA:**  
*Asperisporium caricae* (Deuteromycetes)
- CASTANEA:**  
*Phyllosticta maculiformis* (Deuteromycetes)
- CATTLEYA:**  
*Physalospora camptospora* (Ascomycetes)
- CEANOTHUS:**  
*Oospora candidula* var. *carpogena* (Deuteromycetes)
- CHAMAEDOREA:**  
*Aschersonia basicystis* (Deuteromycetes)
- CHENOPODIUM:**  
*Cercospora anthelmintica* (Deuteromycetes)
- CHRYSANTHEMUM:**  
 "Chrysanthemum virus Q"  
*Meloidogyne hapla* (Nematoda)  
*Puccinia chrysanthemi* (Promycetes)  
*Septoria chrysanthemi* (Deuteromycetes)  
 "Tomato aspermy virus"
- CICHORIUM:**  
*Pseudomonas marginalis* (Schizomycetes)
- CITRUS AURANTIFOLIA:**  
*Coniothecium citri* (Deuteromycetes)  
*Elsinoe australis* (Ascomycetes)  
*Sphaceloma fawcettii* (Deuteromycetes)  
*Xanthomonas citri* (Schizomycetes)
- CITRUS AURANTIUM:**  
*Elsinoe australis* (Ascomycetes)
- CITRUS GRANDIS:**  
*Xanthomonas citri* (Schizomycetes)
- CITRUS LIMON:**  
*Alternaria citri* (Deuteromycetes)  
*Elsinoe australis* (Ascomycetes)  
*Phoma citricarpa* (Deuteromycetes)  
*Phytophthora parasitica* (Phycomycetes)  
*Pseudomonas syringae* (Schizomycetes)  
*Septoria citri* (Deuteromycetes)  
*Sphaceloma fawcettii* (Deuteromycetes)  
*Sphaceloma fawcettii* var. *scabiosa* (Deuteromycetes)  
*Xanthomonas citri* (Schizomycetes)  
*Xanthomonas* sp. (?) (Cancrosis "B") (Schizomycetes)
- CITRUS PARADISI:**  
*Phoma citricarpa* (Deuteromycetes)  
*Septoria citri* (Deuteromycetes)  
*Sphaceloma fawcettii* var. *scabiosa* (Deuteromycetes)  
*Xanthomonas citri* (Schizomycetes)  
*Xanthomonas* sp. (?) (Cancrosis "B")
- CITRUS RETICULATA:**  
*Alternaria citri* (Deuteromycetes)  
*Elsinoe australis* (Ascomycetes)  
 Leprosis  
*Leptosphaeria citricola* (Ascomycetes)  
*Meliola citricola* (Ascomycetes)  
*Phoma citricarpa* (Deuteromycetes)  
*Septoria citri* (Deuteromycetes)  
*Sphaceloma fawcettii* (Deuteromycetes)  
*Xanthomonas citri* (Schizomycetes)
- CITRUS SINENSIS:**  
*Alternaria citri* (Deuteromycetes)  
*Elsinoe australis* (Ascomycetes)  
 Leprosis  
*Meliola citricola* (Ascomycetes)  
*Myriangium duriae* (Ascomycetes)  
*Phoma citricarpa* (Deuteromycetes)  
*Septobasidium pseudopedicellatum* (Basidiomycetes)  
*Septoria citri* (Deuteromycetes)  
*Xanthomonas citri* (Schizomycetes)
- CITRUS SP (orange):**  
*Elsinoe australis* (Ascomycetes)  
*Phoma citricarpa* (Deuteromycetes)
- CITRUS SP.:**  
*Phoma citricarpa* (Deuteromycetes)  
*Sphaceloma fawcettii* var. *scabiosa* (Deuteromycetes)  
*Xanthomonas citri* (Schizomycetes)
- CLEMATIS:**  
*Meloidogyne hapla* (Nematoda)
- COCOS:**  
*Diplodia coccocarpa* (Deuteromycetes)  
*Echidnodes cocoes* (Ascomycetes)  
*Macrophoma cocos* (Deuteromycetes)  
*Pestalotia palmarum* (Deuteromycetes)  
*Phomopsis cocoes* (Deuteromycetes)
- COELOGYNE:**  
*Physalospora camptospora* (Ascomycetes)
- COFFEA:**  
*Cercospora coffeicola* (Deuteromycetes)
- COLCHICUM:**  
*Urocystis colchici* (Promycetes)
- COLOCASIA:**  
*Melanospora zamiae* (Ascomycetes)
- CORDIA:**  
*Cercospora cordiae* (Deuteromycetes)
- CORDYLINE:**  
*Phyllosticta dracaenae* (Deuteromycetes)
- CORYPHANTHA:**  
*Mycosphaerella opuntiae* (Ascomycetes)  
*Phyllosticta cacti* (Deuteromycetes)
- CROCUS:**  
*Fusarium oxysporum* (Deuteromycetes)
- CRYPTOMERIA:**  
*Cercospora cryptomeriae* (Deuteromycetes)  
*Pestalotia funerea* (Deuteromycetes)
- CYMBIDIUM:**  
*Memnoniella echinata* (Deuteromycetes)  
*Neocosmospora vasinfecta* (Ascomycetes)  
*Physalospora orchidearum* (Ascomycetes)  
*Physalospora wildemaniana* (Ascomycetes)  
*Septoria posekensis* (Deuteromycetes)
- CYMOPOGON:**  
*Nigrospora oryzae* (Deuteromycetes)  
*Nigrospora sphaerica* (Deuteromycetes)
- CYNARA:**  
*Albugo tragopogonis* (Phycomycetes)
- CYPRIPEDIUM:**  
*Septoria posekensis* (Deuteromycetes)
- DAHLIA:**  
*Meloidogyne arenaria* (Nematoda)  
*Meloidogyne exigua* (Nematoda)  
*Meloidogyne incognita* (Nematoda)  
*Meloidogyne javanica* (Nematoda)  
*Papulaspora parasitica* (Deuteromycetes)  
*Tritirachium dependens* (Deuteromycetes)
- DAPHNE:**  
*Discosia artocreas* (Deuteromycetes)
- DAUCUS:**  
*Meloidogyne incognita* (?)
- DELPHINIUM:**  
*Meloidogyne hapla* (Nematoda)
- DIANTHUS:**  
*Puccinia arenariae* (Promycetes)  
*Septoria dianthi* (Deuteromycetes)  
*Sporocybe tessulata* (Ascomycetes)
- DIEFFENBACHIA:**  
*Panagrolaimus rigidus* (?) (Nematoda)
- DIOSCOREA:**  
*Meloidogyne incognita* (Nematoda)
- ELEOCHARIS:**  
*Endoconidiophora adiposa* (Ascomycetes)  
*Stilbum incarnatum* (Deuteromycetes)
- EPIDENDRUM:**  
*Uredo guacae* (?) (Promycetes)
- ERIOBOTRYA:**  
*Fusicladium eriotryae* (Deuteromycetes)
- EUONYMUS:**  
*Sclerotium evonymi* (Deuteromycetes)
- FATSHEDERA:**  
*Phyllosticta hedericola* (Deuteromycetes)
- FEROCACTUS:**  
*Leptosphaeria opuntiae* (Ascomycetes)
- FESTUCA:**  
*Claviceps purpurea* (Phycomycetes)



## Hosts and Diseases—Continued

## FICUS:

*Diaporthe eres* (Ascomycetes)

## FOENICULUM:

*Fusicladium depressum* (Deuteromycetes)

## FRAGARIA:

*Mycosphaerella fragariae* (Ascomycetes)

## FRAXINUS:

*Cucurbitaria fraxini* (Ascomycetes)

## GARDENIA:

*Omphalia flavida* (Deuteromycetes)

## GAULTHERIA:

*Phyllosticta gaultheriae* (Deuteromycetes)

## GENTIANA:

*Leptothyrium gentianicola* var. *olivaceum* (Deuteromycetes)

## GLADIOLUS:

*Botrytis gladiolorum* (Deuteromycetes)*Fusarium oxysporum* var. *gladioli* (Deuteromycetes)*Papulaspora coprophila* (Deuteromycetes)*Papulaspora dodgei* (Deuteromycetes)*Pseudomonas marginala* (Schizomycetes)*Septoria gladioli* (Deuteromycetes)*Stemphylium botryosum* (Deuteromycetes)

## GYPSOPHILA:

*Phoma gypsophilae* (Deuteromycetes)

## HEDERA:

*Phyllosticta hedericola* (Deuteromycetes)

## HEDYCHIUM:

*Meloidogyne incognita* var. *acrita* (?)

## HELLEBORUS:

*Coniothyrium hellebori* (Deuteromycetes)*Phomopsis hellebori* (Deuteromycetes)

## HEPATICA:

*Meloidogyne hapla* (Nematoda)

## HEUCHERA:

*Colletotrichum heucherae* (Deuteromycetes)

## HORDEUM:

*Ustilago hordei* (Promycetes)

## ILEX:

*Trochila ilicis* (Ascomycetes)

## INDOCALAMUS:

*Colletotrichum graminicolum* (Deuteromycetes)

## INULA:

*Puccinia hieracii* (Promycetes)

## IPOMOEA:

*Macrophomina phaseolina* (Deuteromycetes)

## IRIS:

*Colletotrichum liliacearum* (Deuteromycetes)*Heterosporium iridis* (Deuteromycetes)*Leptosphaeria heterospora* (Ascomycetes)*Macrophomina phaseolina* (Deuteromycetes)*Phoma iridina* (Deuteromycetes)*Puccinia iridis* (Promycetes)

## IXIA:

*Macrophomina phaseolina* (Deuteromycetes)

## JATROPHA:

*Uredo jatrophiicola* (Promycetes)

## JUNIPERUS:

*Gymnosporangium haraeanaum* (Promycetes)*Lophodermium juniperinum* (Ascomycetes)

## LABURNOCYTISUS:

*Coniothyrium cytiselum* (Deuteromycetes)

## LABURNUM:

*Coniothyrium laburnophilum* (Deuteromycetes)*Cylindrocarpon mali* (Deuteromycetes)

## LAELIA:

*Diplodia paraphysaria* (Deuteromycetes)*Pestalotia conspicua* (Deuteromycetes)*Phyllosticta laeliae* (Deuteromycetes)*Uredo behnickiana* (Promycetes)

## LANTANA:

*Puccinia lantanae* (Promycetes)

## LEPEDEZA:

*Pestalotia lepedezae* (Deuteromycetes)

## LEUCADENDRON:

*Cercospora protearum* (Deuteromycetes)

## LEUCOTHOE:

*Ceulhospora lunata* (Deuteromycetes)*Diaporthe eres* (Ascomycetes)*Diplodina leucothoes* (Deuteromycetes)

## LILIUM:

*Botrytis elliptica* (Deuteromycetes)*Colletotrichum liliacearum* (Deuteromycetes)*Trilirachium dependens* (Deuteromycetes)

## LINUM:

*Colletotrichum lini* (Deuteromycetes)

## LYCOPERSICON:

*Myrothecium roridum* (Deuteromycetes)

## MACROZAMIA:

*Botryosphaeria ribis* (Ascomycetes)*Pestalotia cycadis* (Deuteromycetes)

## MAGNOLIA:

*Diaporthe eres* (Ascomycetes)*Phyllosticta cookei* (Deuteromycetes)

## MAHONIA:

*Cumminsella sanguinea* (Promycetes)

## MALUS:

*Botryosphaeria ribis* (Ascomycetes)*Leptothyrium pomi* (Deuteromycetes)*Monilinia fructigena* (Ascomycetes)

## MAMMILLARIA:

*Meloidogyne incognita* (?) (Nematoda)

## MANGIFERA:

*Pestalotia virgalula* (Deuteromycetes)*Phyllosticta mortoni* (Deuteromycetes)

## MANIHOT:

*Diplodia theobromae* (Deuteromycetes)

## MEDICAGO:

*Peronospora trifoliorum* (Ascomycetes)*Pseudopeziza medicaginis* (Ascomycetes)*Uromyces striatus* var. *medicaginis* (Promycetes)

## MILTONIA:

*Microthyriella guianensis* (Ascomycetes)

## MORAEA:

*Macrophomina phaseolina* (Deuteromycetes)

## MORUS:

*Cercospora mori* (Deuteromycetes)

## MUSA PARADISIACA:

*Cercospora musae* (Deuteromycetes)

## MUSA PARADISIACA SAPIENTUM:

*Cercospora musae* (Deuteromycetes)*Macrophoma musae* (Deuteromycetes)*Meloidogyne incognita* (Nematoda)

## NARCISSUS:

*Fusarium oxysporum* f. *narcissi* (Deuteromycetes)*Ophiostoma naricissi* (Ascomycetes)

## NERIUM:

*Pseudomonas lonelliana* (Schizomycetes)

## ONCIDIUM:

*Macrophoma oncidii* (Deuteromycetes)*Phyllosticta laeliae* (Deuteromycetes)*Uredo oncidii* (Promycetes)

## ONOBRYCHIS:

*Pleospora herbarum* (Ascomycetes)

## ORCHID:

*Diplodia paraphysaria* (Deuteromycetes)*Pestalotia conspicua* (Deuteromycetes)*Phyalospora orchidearum* (Ascomycetes)

## ORNITHOGALUM:

*Heterosporium ornithogali* (Deuteromycetes)*Puccinia ornithogali-thyrsoideis* (Promycetes)*Sclerotium ornithogali* (Deuteromycetes)

## ORYZA:

*Curvularia lunala* (Deuteromycetes)*Entyloma oryzae* (Promycetes)*Helminthosporium oryzae* (Deuteromycetes)*Nigrospora sphaerica* (Deuteromycetes)*Phaeosphaeria oryzae* (Ascomycetes)*Pyrenochaeta oryzae* (Deuteromycetes)*Sclerotium oryzae* (Deuteromycetes)*Trematosphaerella oryzae* (Ascomycetes)

## OSMANTHUS:

*Phyllosticta osmanthicola* (Deuteromycetes)

## PAEONIA:

"Peony virus"

*Thielaviopsis basicola* (Deuteromycetes)

## PALM:

*Aschersonia basicylis* (Deuteromycetes)

## PASPALUM:

*Cerebella andropogonis* (Deuteromycetes)*Cerebella paspali* (Deuteromycetes)*Claviceps paspali* (Ascomycetes)

## PASTINACA:

*Meloidogyne incognita* var. *acrita* (Nematoda)

## PERSEA:

*Botryosphaeria ribis* (Ascomycetes)*Cercospora purpurea* (Deuteromycetes)*Phoma persicae* (Deuteromycetes)

## PHASEOLUS:

*Elsinoe phaseoli* (Ascomycetes)*Uromyces phaseoli* var. *typica* (Promycetes)



*Hosts and Diseases—Continued*

## PHILODENDRON:

- Cercospora aricola* (Deuteromycetes)
- Colletotrichum philodendri* (Deuteromycetes)
- Memnoniella echinata* (Deuteromycetes)
- Phyllosticta philodendri* (Deuteromycetes)

## PHOENIX:

- Mycosphaerella washingtoniae* (Ascomycetes)
- Pestalotia palmarum* (Deuteromycetes)
- Phomopsis phoenicola* (Deuteromycetes)

## PHRAGMITES:

- Dasyscypha phragmiticola* (Ascomycetes)
- Fusarium phragmiticola* (Deuteromycetes)

## PICEA:

- Phomopsis conorum* (Deuteromycetes)

## PINUS:

- Ceratostomella ips* (?) (Ascomycetes)
- Lophodermium pinastri* (Ascomycetes)
- Pestalotia funerea* (Deuteromycetes)
- Pestalotia peregrina* (Deuteromycetes)

## PIPER:

- Cercospora piperis* (Deuteromycetes)

## PISTACIA:

- Phleospora pistaciae* (Deuteromycetes)

## PISUM:

- Pseudomonas seminum* (Schizomycetes)
- Sclerotinia minor* (Ascomycetes)

## POA:

- Tilletia paradoxa* (Promycetes)

## POGOSTEMON:

- Meloidogyne incognita* var. *acrita* (Nematoda)

## PORTULACA:

- Albugo portulacae* (Phycomycetes)

## PRIMULA:

- Ramularia primulae* (Deuteromycetes)

## PROSOPIS:

- Gloeosporium leguminum* (Deuteromycetes)

## PRUNUS DOMESTICA:

- Monilinia fructicola* (Ascomycetes)
- Monilinia fructigena* (Ascomycetes)

## PRUNUS PERSICA:

- Coryneum carpophilum* (Deuteromycetes)

## PRUNUS SP. (cherry):

- Monilinia fructigena* (Ascomycetes)

## PRUNUS SP.

- Trochila laurocerasi* (Ascomycetes)

## PSIDIUM:

- Pestalotia psidii* (Deuteromycetes)

## PUNICA:

- Cercospora lythracearum* (Deuteromycetes)
- Sphaceloma punicae* (Deuteromycetes)

## PYRACANTHA:

- Fusicladium pyracanthae* (Deuteromycetes)

## RHODODENDRON:

- Cercospora handelii* (Deuteromycetes)
- Ceuthospora lunata* (Deuteromycetes)
- Chrysomyxa rhododendri* (Promycetes)
- Diplodina eurhododendri* (Deuteromycetes)
- Gloeosporium rhododendri* (Deuteromycetes)
- Pestalotia macrotricha* (Deuteromycetes)
- Pestalotia rhododendri* (Deuteromycetes)
- Phyllosticta saccardoi* (Deuteromycetes)
- Septoria azaleae* (Deuteromycetes)

## RIBES:

- Cronartium ribicola* (Promycetes)
- Pestalotia truncata* (Deuteromycetes)
- Septoria ribis* (Deuteromycetes)

## ROSA:

- Coryneum microstictum* (Deuteromycetes)
- Hainesia lythri* (Deuteromycetes)
- Phragmidium disciflorum* (Promycetes)

## RUSCUS:

- Leptosphaeria rusci* (Ascomycetes)

## SALIX:

- Cryptodiaporthe salicella* (Ascomycetes)

## SANICULA:

- Physotherma pluriannulatum* (Phycomycetes)

## SCHOMBURGKIA:

- Sphenospora kevorkianii* (Promycetes)

## SCIRPUS:

- Puccinia obtecta* (Promycetes)

## SECHIUM:

- Mycosphaerella citrullina* (Ascomycetes)

## SENECIO:

- Coleosporium senecionis* (Promycetes)

## SINNINGIA:

- Thielaviopsis basicola* (Deuteromycetes)

## SMYRNIUM:

- Puccinia smyrnii* (Promycetes)

## SOIL:

- Heterodera avenae* (Nematoda)
- Heterodera cacti* (Nematoda)
- Heterodera punctata* (Nematoda)
- Heterodera rostochiensis* (Nematoda)
- Heterodera schachtii* (Nematoda)
- Heterodera trifolii* (Nematoda)
- Meloidogyne hapla* (Nematoda)

## SOLANUM:

- Gliomastix convoluta* (Deuteromycetes)
- Meloidogyne arenaria* (Nematoda)
- Memnoniella echinata* (Deuteromycetes)
- Oospora pustulans* (Deuteromycetes)
- Trichoderma lignorum* (Deuteromycetes)

## SORBUS:

- Gymnosporangium juniperi* (Promycetes)

## SORGHUM:

- Ascochyta sorghina* (Deuteromycetes)
- Gloeocercospora sorghi* (Deuteromycetes)
- Sphacelotheca sorghi* (Promycetes)

## SPATHYPHYLLUM:

- Macrophoma anthurii* (Deuteromycetes)

## SPINACIA:

- Peronospora effusa* (Phycomycetes)

## STACHYTARPHETA:

- Puccinia urbaniana* (Promycetes)

## STYLOSANTHES:

- Uredo stylosanthidis* (Promycetes)

## SYNGONIUM:

- Phyllachora engleri* (Ascomycetes)

## TARAXACUM:

- Ramularia taraxaci* (Deuteromycetes)

## THRINAX:

- Catacauma palmicola* (Ascomycetes)

## TRIFOLIUM:

- Gymadothea trifolii* (Ascomycetes)
- Uromyces trifolii* (Promycetes)

## TRITICUM:

- Fusarium graminearum* (Deuteromycetes)
- Puccinia glumarum* (Promycetes)
- Puccinia graminis* var. *tritica* (Promycetes)
- Tilletia caries* (Promycetes)
- Tilletia foetida* (Promycetes)
- Ustilago tritici* (Promycetes)

## TULIPA:

- Thielavia terricola* (Ascomycetes)

## URGINEA:

- Alternaria porri* (Deuteromycetes)

## VACCINIUM:

- Pucciniastrum vacciniorum* (Promycetes)
- Sporonema oxycocci* (Deuteromycetes)

## VANDA:

- Hendersonia importata* (Deuteromycetes)

## VANILLA:

- Uredo scabies* (Promycetes)

## VIBURNUM:

- Phyllosticta lentiginis* (Deuteromycetes)

## VIOLA:

- Colletotrichum violae-tricoloris* (Deuteromycetes)
- Phyllosticta violae* (Deuteromycetes)
- Puccinia violae* (Promycetes)

## VITIS:

- Pleospora herbarum* (Ascomycetes)

## WATSONIA:

- Tritirachium dependens* (Deuteromycetes)

## WISTERIA:

- Coniothyrium olivaceum* (Deuteromycetes)
- Diaporthe eres* (Ascomycetes)

## YUCCA:

- Pleospora thuemeniana* (Ascomycetes)

## ZENOBIA:

- Ascochyta ledi* (Deuteromycetes)

## ZINGIBER:

- Gliomastix convoluta* (Deuteromycetes)
- Melanospora zamiae* (Ascomycetes)
- Memnoniella echinata* (Deuteromycetes)
- Pythium butleri* (Phycomycetes)
- Stilbum incarnatum* (Deuteromycetes)
- Tritirachium dependens* (Deuteromycetes)

*Hosts Unknown*

## BARK:

- Schizophyllum commune* (Basidiomycetes)



## Countries of Origin and Diseases

## AFGHANISTAN:

*Tilletia caries*  
*Ustilago hordei*  
*Ustilago tritici*

## AFRICA:

*Pseudopeziza medicaginis*

## ALGERIA:

*Fusicladium depressum*

## ARGENTINA:

*Claviceps paspali*  
*Coleosporium senecionis*  
*Elsinoe australis*  
*Meloidogyne incognita* (?)  
*Septoria citri*  
*Ustilago bullata*  
*Xanthomonas* sp. (?) (Cancrosis "B")

## AUSTRALIA:

*Alternaria citri*  
*Botryosphaeria ribis*  
*Cerebella paspali*  
*Colletotrichum liliacearum*  
*Cryptospora longispora*  
*Leptosphaeria heterospora*  
*Meloidogyne exigua*  
*Meloidogyne javanica*  
*Papulaspora parasitica*  
*Pestalotia cycadis*  
*Phoma citricarpa*  
*Septoria citri*  
*Sphaceloma fawcettii* var. *scabiosa*

## AUSTRIA:

*Phomopsis conorum*  
*Phyllosticta auerswaldii*  
*Tilletia caries*

## AZORES:

*Septoria dianthi*

## BELGIUM:

*Heterodera punctata*  
*Heterodera rostochiensis*  
*Phyllosticta hedericola*  
*Pseudomonas marginalis*  
*Thielaviopsis basicola*

## BERMUDA:

*Macrophoma anthurii*  
*Pleospora thue-meniana*  
*Puccinia lantanae*

## BORNEO:

*Macrophomina phaseolina*

## BRAZIL:

*Cercospora coffeicola*  
*Diplodia paraphysaria*  
*Elsinoe australis*  
*Pestalotia bromellicola*  
*Septobasidium pseudopedicellatum*  
*Uredo oncidii*

## BRITISH GUIANA:

*Cercospora musae*

## BRITISH HONDURAS:

*Phyllachora engleri*

## CANADA:

*Botrytis gladiolorum*  
*Coryneum microstictum*  
*Cronartium ribicola*  
*Cumminsella sanguinea*  
*Fusarium oxysporum* f. *gladioli*  
*Leptosphaeria heterospora*  
*Lophodermium pinastri*  
*Puccinia violae*  
*Verticillium buxi*  
*Volutella buxi*

## CANAL ZONE:

*Catacauma palmicola*  
*Meloidogyne incognita* var. *acrita* (?)  
*Uredo scabies*

## CANARY ISLANDS:

*Heterodera rostochiensis*

## CAPE VERDE ISLANDS:

*Diplodia theobromae*

## CEYLON:

*Meliola citricola*  
*Xanthomonas citri*

## CHILE:

*Meloidogyne arenaria*

## CHINA:

*Botryosphaeria ribis*  
*Collectotrichum graminicolum*  
*Endoconidiophora adiposa*  
*Gliomastix convoluta*  
*Melanospora zamiae*  
*Meliola citricola*  
*Memnoniella echinata*  
*Nigrospora sphaerica*  
*Pestalotia lespedezae*  
*Phoma citricarpa*  
*Septoria citri*  
*Xanthomonas citri*

## COSTA RICA:

*Cercospora musae*  
*Macrophoma musae*  
*Microthyriella guianensis*  
*Pestalotia conspicua*  
*Phyllosticta philodendri*

## CUBA:

*Asperisporium caricae*  
*Elsinoe phaseoli*  
*Helminthosporium oryzae*  
*Uredo guacae* (?)

## DENMARK:

*Cercospora anethi*  
 "Chrysanthemum virus Q"  
*Coniothyrium laburnophilum*  
*Dasyscypha phragmiticola*  
*Fusarium phragmiticola*  
*Heterodera punctata*  
*Heterodera rostochiensis*  
 "Tomato aspermy virus"

## EGYPT:

Leprosis

## ENGLAND:

*Ceratostomella ips* (?)  
*Chrysomyxa rhododendri*  
*Colletotrichum heucherae*  
*Colletotrichum liliacearum*  
*Colletotrichum violae-tricoloris*  
*Coniothyrium hellebori*  
*Diplodia eurhododendri*  
*Fusarium oxysporum* f. *gladioli*  
*Gloeosporium araucariae*  
*Hendersonia sarmentorum*  
*Heterodera avenae*  
*Heterodera cacti*  
*Heterodera punctata*  
*Heterodera rostochiensis*  
*Heterodera schachtii*  
*Leptosphaeria heterospora*  
*Leptothyrium gentianicola* var. *olivaceum*  
*Monilinia fructigena*  
*Oospora candidula* var. *carpogena*  
*Puccinia arenariae*  
*Pucciniastrum vacciniorum*  
*Sporocybe tessulata*  
*Sporonema oxycocci*  
*Trochila laurocerasi*

## ETHIOPIA:

*Alternaria porri*  
*Peronospora trifoliorum*  
*Tilletia foetida*  
*Uredo stylosanthi*

## EUROPE:

*Heterodera punctata*

## FINLAND:

*Oospora pustulans*

## FORMOSA:

*Gliomastix convoluta*  
*Melanospora zamiae*  
*Memnoniella echinata*  
*Stilbum incarnatum*  
*Xanthomonas citri*

## FRANCE:

*Alternaria citri*  
*Botryosphaeria berengeriana* var. *araucariae*  
*Cryptodiaporthe salicella*  
*Heterodera cacti*  
*Heterodera punctata*  
*Heterodera rostochiensis*  
*Leptosphaeria heterospora*



## Countries of Origin and Diseases—Continued

## FRANCE—Continued

*Monilinia fructigena*  
*Mycosphaerella fragariae*  
*Puccinia smyrnii*  
*Sclerotium cepivorum*  
*Septoria azaleae*

## FRENCH WEST AFRICA:

*Meloidogyne incognita* (?)

## GERMANY:

*Chrysomyxa rhododendri*  
*Fusarium oxysporum* f. *gladioli*  
*Heterodera cacti*  
*Heterodera punctata*  
*Heterodera rostochiensis*  
*Meloidogyne hapla*  
*Papulaspora dodgei*  
*Pseudomonas marginata*  
*Ramularia taraxaci*  
*Sclerotinia kernerii*

## GREECE:

*Pleospora herbarum*  
*Pseudomonas syringae*  
*Sclerotinia kernerii*  
*Septoria unedonis*  
*Uromyces trifolii*

## GUAM:

*Diplodia coccocarpa*  
*Phomopsis cocoes*  
*Pythium butleri*

## GUATEMALA:

*Gloeosporium piperatum*  
*Macrophoma oncidii*  
*Phyllosticta laeliae*  
*Uredo guacae* (?)  
*Uredo oncidii*

## HAITI:

*Leprosis*  
*Phyllosticta mortoni*

## HASHEMITE KINGDOM OF JORDAN:

*Leptosphaeria heterospora*  
*Macrophoma phaseolina*

## HAWAII:

*Botryosphaeria ribis*  
*Diplodia coccocarpa*  
*Helminthosporium oryzae*  
*Macrophoma cocos*  
*Macrophoma musae*  
*Melanospora zamiae*  
*Pestalotia palmarum*  
*Phomopsis capsici*  
*Phomopsis cocoes*  
*Sphaceloma fawcettii*

## HUNGARY:

*Chrysomyxa rhododendri*

## INDIA:

*Colletotrichum liliacearum*  
*Curvularia lunata*  
*Graphiola borassi*  
*Helminthosporium oryzae*  
*Meloidogyne arenaria*  
*Meloidogyne incognita*  
*Memnoniella echinata*  
*Neocosmospora vasinfecta*  
*Physalospora camptospori*  
*Physalospora orchidearum*  
*Physalospora wilde maniana*  
*Septoria posekensis*  
*Tritirachium dependens*  
*Xanthomonas citri*

## INDONESIA:

*Nigrospora oryzae*

## IRELAND:

*Discosia artocreas*  
*Heterodera punctata*  
*Heterodera rostochiensis*  
*Ophiostoma narcissi*  
*Phyllosticta hedericola*

## ISRAEL:

*Claviceps purpurea*

## ITALY:

*Cercospora beticola*  
*Colletotrichum agaves*  
*Diaporthe eres*

## ITALY—Continued

*Fusicladium eriobotryae*  
*Leptosphaeria rusci*  
*Lophodermium juniperinum*  
*Mycosphaerella citrullina*  
*Phyllosticta masculiformis*  
*Phytomonas tonelliana*  
*Sclerotium cepivorum*  
*Uromyces betae*  
*Septoria citri*

## JAPAN:

*Alternaria citri*  
*Botrytis elliptica*  
*Botrytis gladiolorum*  
*Cercospora cryptomeriae*  
*Colletotrichum liliacearum*  
*Coniothyrium olivaceum*  
*Diaporthe eres*  
*Entyloma oryzae*  
*Fusarium graminearum*  
*Gliomasti convoluta*  
*Gymnosporangium haraeaeum*  
*Helminthosporium oryzae*  
*Leptosphaeria citricola*  
*Lophodermium pinastri*  
*Macrophoma phaseolina*  
*Melanospora zamiae*  
*Meliola citricola*  
*Meloidogyne arenaria*  
*Meloidogyne incognita*  
*Meloidogyne incognita* var. *acrita*  
*Meloidogyne javanica*  
*Memnoniella echinata*  
*Mycosphaerella schoenoprasii*  
*Mycosphaerella washingtoniae*  
*Nigrospora sphaerica*  
*Papulaspora coprophila*  
*Pestalotia funerea*  
*Pestalotia guepini*  
*Pestalotia palmarum*  
*Pestalotia peregrina*  
*Pestalotia rhododendri*  
*Phaeosphaeria oryzae*  
*Phoma citricarpa*  
*Phoma gypsophilae*  
*Phomopsis phoenicola*  
*Phyllosticta camelliae*  
*Puccinia chrysanthemi*  
*Pyrenochaeta erysiphoides*  
*Pyrenochaeta oryzae*  
*Schizophyllum commune*  
*Scirrhodopsis bambusae*  
*Septoria chrysanthemi*  
*Septoria citri*  
*Sphaceloma fawcettii*  
*Stilbum incarnatum*  
*Thielavia terricola*  
*Trichoderma lignorum*  
*Tritirachium dependens*  
*Uromyces phaseoli* var. *typica*  
*Xanthomonas citri*

## JAVA:

*Nigrospora sphaerica*

## KENYA:

*Cerebella andropogonis*

## KOREA:

*Pestalotia guepini*  
*Sclerotium oryzae*

## LEBANON:

*Puccinia hieracii*

## MALAYSIA:

*Xanthomonas citri*

## MEXICO:

*Albugo portulacae*  
*Alternaria citri*  
*Aschersonia basicystis*  
*Ascochyta sorghina*  
*Botryosphaeria agaves*  
*Botryosphaeria ribis*  
*Cercospora anthelmintica*  
*Cercospora arachidicola*  
*Cercospora aricola*  
*Cercospora coffeicola*



## Countries of Origin and Diseases—Continued

## MEXICO—Continued

*Cercospora cordiae*  
*Cercospora mori*  
*Cercospora musae*  
*Cercospora piperis*  
*Cercospora purpurea*  
*Colletotrichum agaves*  
*Colletotrichum philodendri*  
*Coniothyrium concentricum*  
*Coniothecium citri*  
*Coryneum carpophilum*  
*Cucurbitaria fraxini*  
*Curvularia lunata*  
*Diplodia paraphysaria*  
*Gliomastix convoluta*  
*Gloeocercospora sorghi*  
*Gloeosporium leguminum*  
*Heterodera cacti*  
*Leprosis*  
*Leptosphaeria opuntiae*  
*Leptothyrium pomi*  
*Macrophoma musae*  
*Meloidogyne arenaria*  
*Meloidogyne incognita*  
*Memnoniella echinata*  
*Microdiplodia agaves*  
*Monilinia fructicola*  
*Mycosphaerella opuntiae*  
*Myriangium duriaei*  
*Myrothecium roridum*  
*Omphalia flavida*  
*Panagrolaimus rigidus* (?)  
*Peronospora effusa*  
*Pestalotia conspicua*  
*Pestalotia virgatula*  
*Phoma persicae*  
*Phoma pomorum*  
*Phyllosticta cacti*  
*Phyllosticta cookei*  
*Phyllosticta gaultheriae*  
*Phyllosticta mortoni*  
*Physalospora camptospora*  
*Physalospora orchidearum*  
*Physoderma pluriannulatum*  
*Puccinia oblecta*  
*Septoria gladioli*  
*Sphaceloma fawcettii*  
*Sphaceloma punicae*  
*Stagonospora macrospora*  
*Stemphylium botryosum*  
*Tylenchus allii*  
*Tylenchus putrefaciens*  
*Uredo behnickiana*  
*Uromyces striatus* var. *medicaginis*

## MOZAMBIQUE:

*Phoma citricarpa*

## NATAL:

*Phoma citricarpa*

## NETHERLANDS:

*Ascochyta ledi*  
*Botryosphaeria berengeriana*  
*Botrytis gladiolorum*  
*Cercospora handelii*  
*Ceuthospora lunata*  
*Coniothyrium cytisellum*  
*Coniothyrium hellebori*  
*Cryptodiaporthe salicella*  
*Cylindrocarpon mali*  
*Diaporthe eres*  
*Diplodina leucothoes*  
*Fusarium oxysporum*  
*Fusarium oxysporum* f. *gladioli*  
*Fusicladium pyracanthae*  
*Gloeosporium rhododendri*  
*Heterodera avenae*  
*Heterodera punctata*  
*Heterodera rostochiensis*  
*Leptosphaeria heterospora*  
*Meloidogyne hapla*  
*Phomopsis hellebori*  
*Phomopsis stictica*  
*Phyllosticta lentaginis*  
*Phyllosticta mahoniicola*  
*Phyllosticta osmanthicola*  
 "Peony virus"

## NETHERLANDS—Continued

*Pestalotia macrotricha*  
*Pestalotia rhododendri*  
*Pestalotia truncata*  
*Pseudomonas marginalis*  
*Ramularia primulae*  
*Sclerotium evonymi*  
*Septoria azaleae*  
*Thielaviopsis basicola*  
*Trochila ilicis*  
*Tubercularia vulgaris*  
*Urocystis colchici*  
*Verticillium buxi*

## NEW ZEALAND:

*Cerebella andropogonis*  
*Colletotrichum liliacearum*  
*Heterodera trifolii*  
*Heterosporium iridis*  
*Leptosphaeria heterospora*  
*Pestalotia guepini*  
*Phoma iridina*  
*Phyllosticta dracaenae*  
*Septoria citri*

## NIGERIA:

*Sphacelotheca sorghi*

## NICARAGUA:

*Meloidogyne incognita*

## NORFOLK ISLAND:

*Cryptospora longispora*

## NORWAY:

*Fusarium oxysporum* f. *narcissi*  
*Heterodera punctata*  
*Septoria ribis*

## PALESTINE:

*Leptosphaeria heterospora*

## PALMYRA ISLAND:

*Echidnodes cocoes*

## PANAMA:

*Leprosis*  
*Septoria citri*  
*Sphenospora kevorkianii*

## PERU:

*Heterodera rostochiensis*

## PHILIPPINES:

*Melanospora zamiae*  
*Meloidogyne incognita* var. *acrita*  
*Phoma citricarpa*  
*Xanthomonas citri*

## PORTUGAL:

*Colletotrichum lini*  
*Cymadothea trifolii*  
*Phragmidium disciflorum*  
*Pseudomonas seminum*  
*Sclerotinia minor*

## PUERTO RICO:

*Cercospora lythracearum*  
*Puccinia urbaniana*  
*Uredo jatrophiicola*

## SALVADOR:

*Trematosphaerella oryzae*

## SCOTLAND:

*Heterodera avenae*  
*Heterodera punctata*  
*Heterodera rostochiensis*  
*Phyllosticta saccardoii*

## SPAIN:

*Alternaria citri*  
*Hainesia lythri*  
*Heterodera avenae*  
*Heterodera punctata*  
*Heterodera rostochiensis*  
*Phytophthora parasitica*  
*Pleospora herbarum*  
*Puccinia glumarum*  
*Puccinia graminis* var. *tritici*  
*Septoria citri*

## SWEDEN:

*Albugo tragopogonis*  
*Gymnosporangium juniperi*  
*Heterodera punctata*  
*Heterodera rostochiensis*  
*Monilinia fructigena*  
*Phyllosticta violae*



*Countries of Origin and Diseases—Continued*

## SWITZERLAND:

*Chrysomyxa rhododendri*  
*Heterodera cacti*  
*Puccini arenariae*  
*Puccinia gentianae*

## TAHITI:

*Diplodia coccocarpa*  
*Phomopsis cocoas*

## THAILAND:

*Diplodia paraphysaria*  
*Hendersonia importata*  
*Phoma citricarpa*  
*Xanthomonas citri*

## TRINIDAD:

*Diplodia paraphysaria*

## TURKEY:

*Leptosphaeria heterospora*  
*Phleospora pistaciae*  
*Puccinia iridis*  
*Ramularia beticola*  
*Septoria gladioli*  
*Tilletia paradoxa*

## UNION OF SOUTH AFRICA:

*Cercospora protearum*  
*Heterosporium ornithogali*  
*Macrophomina phaseolina*  
*Meloidogyne incognita* var. *acrita*  
*Phoma citricarpa*  
*Puccinia ornithogali-thyrsoides*  
*Sclerotium ornithogali*  
*Septoria citri*  
*Tritirachium dependens*

UNION OF SOVIET SOCIALISTIC  
REPUBLICS:

*Selenophoma donacis*

## UNKNOWN:

*Elsinoe australis*  
*Heterodera punctata*  
*Leprosis*

## URUGUAY:

*Elsinoe australis*

## VENEZUELA:

*Pestalotia psidii*



